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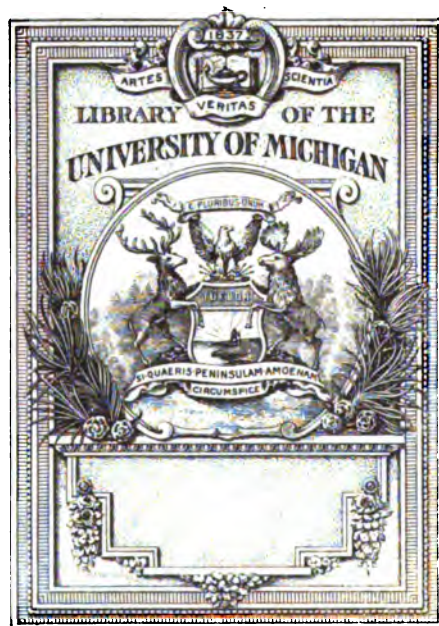
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1885-86

TULANE UNIVERSITY

OF

LOUISIANA.

1885-86.

NEW ORLEANS, LA.

TULANE UNIVERSITY

OF

LOUISIANA.

CATALOGUE OF ACADEMICAL DEPARTMENT.

1884-85.

ANNOUNCEMENT OF


COURSES OF INSTRUCTION.

**ACADEMICAL, COLLEGIATE, LAW AND MEDICAL
DEPARTMENTS.**


1885-1886.

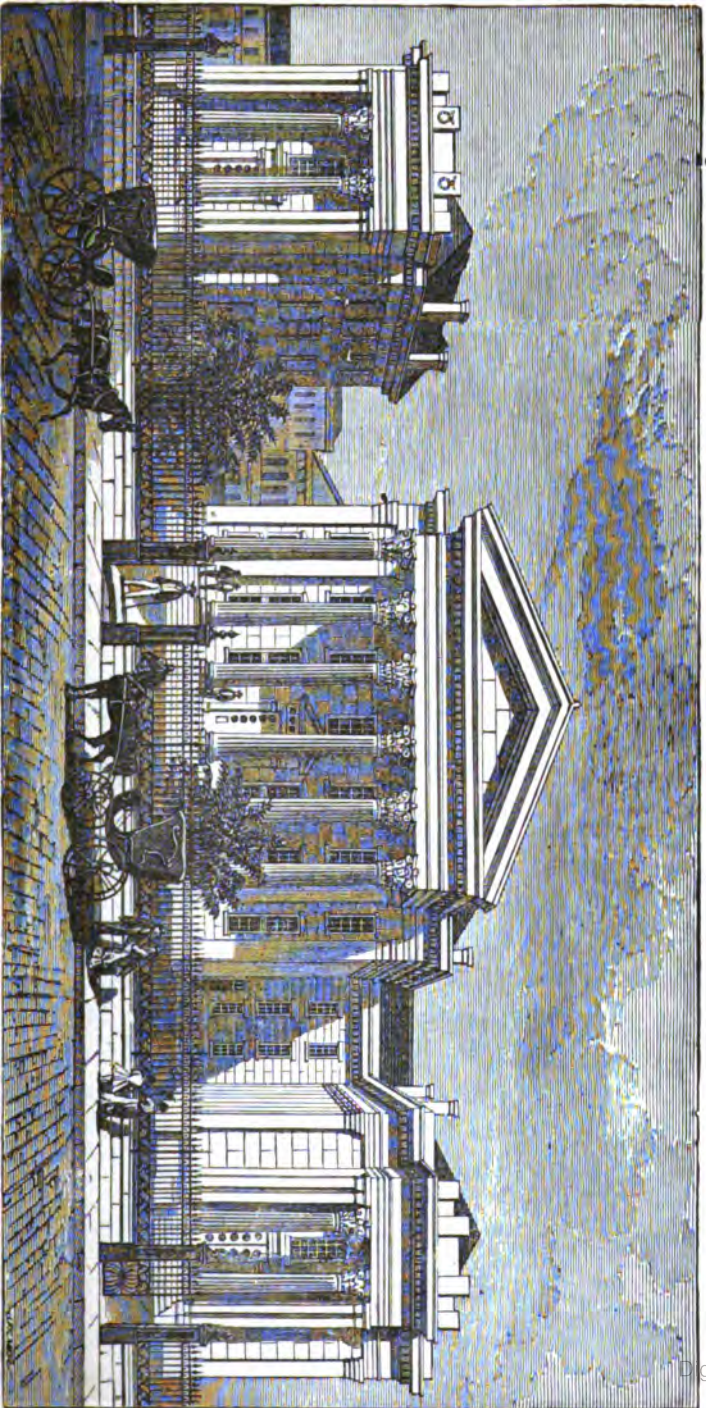
NEW ORLEANS,

1885.



L. GRAHAM & SON, PRINTERS, 99 & 101 GRAVIER ST., NEW ORLEANS.





TULANE UNIVERSITY OF LOUISIANA.—COMMON STREET BUILDINGS.
ACADEMICAL BUILDINGS, TULANE HALL.

CALENDAR.

SESSION OF 1885-86.

1885.

OCTOBER 12, 13, 14.....Entrance Examinations.

THURSDAY, OCTOBER 15.....First quarter of College and High School
begins.

MONDAY, OCTOBER 19.....Department of Medicine opens.

MONDAY, NOVEMBER 16.....Department of Law opens.

THURSDAY, DECEMBER 10....Second Quarter begins.

THURSDAY, DECEMBER 24....Christmas Holidays begin.

1886.

MONDAY, JANUARY 4.....Studies resumed in College and High
School.

FRIDAY, FEBRUARY 12.....Intermediate Examinations begin.

TUESDAY, FEBRUARY 23.....Third Quarter begins.

WEDNESDAY, MARCH 31.....Commencement, Medical Department.

MAY.....Commencement, Law Department.

SATURDAY, APRIL 17.....Fourth Quarter begins.

MONDAY, JUNE 7.....Final Examinations begin.

THURSDAY, JUNE 17.....Commencement, College and High School.

THE TULANE UNIVERSITY.

HISTORICAL STATEMENT.

The Tulane University came into existence as such by operation of law in July, 1884. In the year 1882, Mr. Paul Tulane, of Princeton, New Jersey, made a donation of his real estate in the city of New Orleans to seventeen administrators, chosen by himself, for the purpose of aiding the higher education of the white youth of Louisiana. The original donation yielded \$35,000 per annum, which has been doubled by subsequent gifts from the same benefactor.

The following is a copy of the letter of Mr. Paul Tulane donating his property in New Orleans to education :

PRINCETON, May 2, 1882.

To Messrs. Randall L. Gibson, Chas. E. Fenner, James McConnell, T. G. Richardson, M. D., Edward D. White, E. H. Farrar, P. N. Strong, B. M. Palmer, D. D., Hugh Miller Thompson, D. D., Chas. A. Whitney, Sam'l H. Kennedy, Walter R. Stauffer, Cartwright Eustis, Henry Ginder, John T. Hardie, R. M. Walmsley, and Wm. O. Rogers.

GENTLEMEN—A resident of New Orleans for many years of my active life, having formed many friendships and associations dear to me, and deeply sympathizing with its people in whatever misfortunes or disasters may have befallen them, as well as being sincerely desirous of contributing to their moral and intellectual welfare, I do hereby express to you my intention to donate to you by an act of donation *inter vivos*, all the real estate I own and am possessed of in the said city of New Orleans, State of Louisiana, for the promotion and encouragement of intellectual, moral and industrial education among the white young persons in the city of New Orleans, State of Louisiana, and for the advancement of learning and letters, the arts and sciences therein, my intention being that the benefits shall be applied and expended in the city of New Orleans.

By the term education, I mean to foster such a course of intellectual development as shall be useful and of solid worth, and not be merely ornamental or superficial. I mean you should adopt the course which, as wise and good men, would commend itself to you as being conducive to im-

diate practical benefit, rather than theoretical possible advantage. I wish you to establish or foster institutions of a higher grade of learning where the young persons to be benefited shall, upon due examination, be found competent and qualified for admission, both by age and previous training, to receive the benefits of a more advanced degree of educational culture.

Intellectual advancement should be unfettered by sectarianism, but the profound reverence I entertain for the Holy Scriptures leads me to express here the hope, that the educational development intended by this gift, should never antagonize, but be in harmony with the great fundamental principles of Christian truth contained in them.

I express to you now my formal intentions in order to suggest to you the advisability, should you determine to aid me in my purposes, that you should take such steps as may be necessary under the laws of Louisiana, to enable you to accept the donation when made, thus giving me the assurance that my purpose, when executed, will be carried out with fidelity, and be rich in bountiful results.

The fact that property donated for educational purposes is at this time liable to taxation in the State of Louisiana has occasioned me much embarrassment, as I should like to feel that the citizens of that State, who are to be the beneficiaries of this donation, should enjoy its advantages to the full measure of the value of the property donated. There are other States whose laws do not, by taxation, repel such gifts in aid of education, whose wise example, I am assured, will be followed by the State of Louisiana and the city of New Orleans in this instance; and I earnestly urge that you make immediate effort to secure the exemption of this property from taxation, and be constant in so doing until your efforts are successful.

The character of the property donated is to remain unchanged. It cannot be mortgaged, and it cannot be sold nor incumbered in any way, except at the end of not less than fifty years, as hereinafter stated. Mortgaging it or selling it, and the investment of the proceeds in stocks, bonds or other securities, might and probably would lead to disaster, owing to the uncertain and fluctuating nature of the value of securities of every description. On the other hand, the real estate, the title to which I intend to donate to you, is well located, and cannot fail to increase in value as the city shall become prosperous.

You must keep the property well insured in solvent offices and in good repair, so that the best rental possible may be realized.

The plans and details of any organization, corporate or otherwise, must of necessity be left to your own judgment; but I desire to communicate to you my wishes in such manner as to enable you more fully to enter into the motives which impel me, thereby enabling you completely to enter into my thoughts and purposes.

Of course whatever I may determine to donate to you, should you conclude to organize, will be (whilst leaving you the absolute owners of the property) with the object of enabling you, in your discretion, to use the revenues for the purposes already by me mentioned.

I suggest and recommend—1. That in your organization, whatever form it may assume, my friend, Gen. Randall Lee Gibson, be your chairman or president, and that Judge Chas. E. Fenner and James McConnell may be vice-presidents or vice-chairmen. 2. That you provide for the filling of any vacancies in your number by death, resignation or otherwise, by election. 3. That whilst my desire is that you shall continue my purpose for more than fifty years, nevertheless I would consider it no violation of those wishes should you, when organized, determine, after fifty years, no longer to perform the duties incident to the ownership of this property which I may donate, and the income of which, I have expressed the desire, that you administer, as aforesaid; in that event I suggest that you distribute the property, or the proceeds from the sale thereof, among such educational or literary institutions, or for such educational purposes as you may determine, in the city of New Orleans, as are contemplated by this donation. 4. In order that there shall be no doubt in regard to my intentions, I will say it is not my desire to bind you to distribute the incomes or benefits of the fund or property to any particular school, college, or institution of learning, or to create any claim on the part of any school, college, or institution of learning, to any distributive share; nor do I design to subject you collectively or individually to any responsibility to those intended to be benefited, or to any individual responsibility of any sort for the management of the property and fund, which may be by me donated.

I have entire confidence that you will carry out with wisdom, equity and fidelity my expressed suggestions. It would be personally agreeable to me if you would retain the services of Mr. P. N. Strong, of New Orleans.

In order to prevent misapprehension, I desire to say you should, of course, make such disbursement as you may deem it fair to expend in the employment of any necessary agents or otherwise, and especially to keep the property well insured, and in a proper state of repair.

With devout gratitude to our Heavenly Father for enabling us to form these plans, and invoking his divine blessing upon you and your counsels, and upon the good work proposed among the present and future generations of our beloved Crescent City,

I remain, with great respect,

Your friend and humble servant,

PAUL TULANE.

MR. TULANE, the munificent patron of education in this State, is a native of New Jersey, and came in 1822 to New Orleans, where he was engaged in business as a merchant for fifty years. His whole heart and all his sympathies were with the city of his adoption, where his name stand as the most honored of her citizens. In 1884, by a contract with the State of Louisiana, the administrators of the Tulane Educational Fund became the administrators of the University of Louisiana in perpetuity, agreeing to devote their income to its development, and to establish thereon the Tulane University of Louisiana.

The University of Louisiana had its origin in the Medical Department, which was established in 1834. This school has numbered among its professors and alumni the most distinguished medical men of Louisiana and the South.

The Constitution of Louisiana of 1845, contained the provision: "An University shall be established in the City of New Orleans. It shall be composed of four faculties, to-wit: one of Law, one of Medicine, one of the Natural Sciences, and one of Letters."

The Legislature in 1847 passed "An Act to establish in the City of New Orleans, the University of Louisiana."

By the Constitutions of 1852, 1864 and 1868, the University was formally recognized. The new Constitution of 1879 declared that the University of Louisiana, as then established and located at New Orleans, was thereby recognized in its three departments, to-wit: The Law, the Medical and Academical Departments, to be governed and controlled by appropriate faculties.

By Act No. 43, passed by the General Assembly of the State, at the regular session of 1884, the University became

"THE TULANE UNIVERSITY OF LOUISIANA."

A new Board of Administrators was created, composed of the seventeen Administrators of the "Tulane Educational Fund," the Governor of the State, the Superintendent of Public Education, and the Mayor of the City of New Orleans—the last three as *ex-officio* members of the Board.

The Medical Department of the University is now in the fifty-second year of its existence, and has the greatest prestige throughout the Southern States, not only for the ability and distinction of its professors, but for its unsurpassed means of teaching. It has the great Charity Hospital, with its seven hundred beds and six thousand patients annually, as its school of practical instruction. In 1883-84 two hundred and twelve students attended the Medical Department. Candidates for graduation are required to be twenty-one years of age; to have studied three years;

to have attended two courses of lectures, and to pass a satisfactory examination. The Administrators of the Charity Hospital elect every year fourteen resident students, who are maintained by the institution. Vacancies are filled by competitive examination. Dr. T. G. Richardson, who, for twenty-five years, was dean of the faculty has recently resigned, and Dr. Stanford E. Chaillé has been elected as his successor. Dr. Richardson still retains his chair in the faculty. There are now seven professors and two lecturers employed in this department.

The Law Department was organized in 1847. It has numbered among its professors the most distinguished lawyers of the State, and, though unendowed, a chair in its faculty is esteemed one of the highest honors open to the profession in Louisiana. While the civil law is taught in some other institutions from the amateur standpoint, here, as a basis of the whole legal superstructure and machinery of the State, as the foundation of its civil code and jurisdiction, it is treated as a living organization, not as a fossil. It is taught by those who look at it from the inside. Those who wish to breathe the spirit of the civil law are apt to seek it here. The State Library, a very valuable collection of about twenty-six thousand volumes, is deposited in the law building and is accessible to the students. The Hon. Randell Hunt, LL. D., long connected with the Law Department, and late President of the University of Louisiana, has been elected Emeritus Rector of the Law Department, Professor W. F. Mellen is its dean, and the faculty is four in number, including the above named professors.

The Academical Department of the University of Louisiana was opened in the autumn of 1878. It received an annuity of \$10,000 from the State, and has met with excellent success for its limited means. In 1883-84 two hundred and twelve students attended the Academical Department, two-thirds of whom were in the High School. During its existence it was enriched by a gift from Mr. Paul Tulane of the handsome building formerly known as the Mechanics' Institute, but more recently as Tulane Hall. It had seven professors, namely, of Latin, Greek, French, German, Spanish, Mathematics and Physics. Professor R. H. Jesse was dean of the faculty, until its absorption into Tulane University, when the office became extinct. The administrators of Tulane University have added to the faculty a chair of History and Political Science, filled by the President, and chairs of Metaphysics, English, Chemistry, Mineralogy and Geology, Applied Chemistry, Drawing, and Logic and Ethics, the last four of which have also been filled.

Col. Wm. Preston Johnston, President of the Louisiana State University and Agricultural and Mechanical College at Baton Rouge, was elected President in 1883, and authorized to organize an institution of learning under the terms of Mr. Tulane's donation. The acquisition of the University of Louisiana, with its franchises and valuable buildings,



gave practical shape to the purposes of the Tulane Board, and supplied the foundation on which to establish a university. It has now fourteen chairs in the University proper, besides the High School Faculty, with a Headmaster, five assistant professors and a number of instructors. The collection of physical apparatus is quite extensive and of very high grade. The teaching is in great part by laboratory work, and the apparatus is better adapted to this method of instruction than any in the South. It is hoped that the Chemical Laboratories will, in a short time, be put in an equal state of efficiency, and that development will be attained in the sugar manufacture and other industries of the State through the influence of work done here.

The line between University work and Collegiate or Academic work is sharply drawn. The former is elective and of the most advanced character. The latter is embraced in a series of equivalent curricula extending through seven years, three in the High School and four in the College, all leading to the degree of Bachelor of Arts, with, or without distinction, according to attainment.

A manual training school has been established, at a cost for outfit, exclusive of ground and buildings, of \$24,000. It is considered as the Workshop or Laboratory of the High School for technical training; but other students are admitted to it on easy conditions. It is not intended to teach trades to young men, but to make them experts in the principles and handicraft of wood-working, iron-working, and machine construction. The appliances are as nearly perfect, and the scheme of instruction as thorough as in any institution in the United States. The effort will be made to dignify and elevate labor without interfering with more abstract pursuits. No revolution is aimed at, but rather moral expansion and development in the cultivation of recognized and valuable mental and physical functions and activities.

The libraries of the University, besides the State Library already mentioned, contain about fifteen thousand volumes, with a certain fund for increase of some \$2,000 per annum. The largest hospitality is extended to book lovers and readers.

The fees for admission to any part of the University, except the medical department, will be but \$50 per annum.

The institution is Christian, but not sectarian, and this is construed as extending the largest liberty of invitation to all who love the light of knowledge. The Tulane University, now on the sound basis of a living income, with a corporation secure in its tenure of office and consistent in its plans and purposes; and with the prestige of a State Institution and popular favor to aid in its honorable career, has before it, under Providence, a wide sphere of usefulness, and will, it is hoped, prove a potent agency in redeeming Louisiana from its present condition of ignorance and lethargy.

TULANE UNIVERSITY OF LOUISIANA.

BOARD OF ADMINISTRATORS,

Vacancies in the original Board of Administrators have been created by the death of Mr. Chas. A. Whitney, and by the resignation of Rev. Hugh Miller Thompson, and Wm. O. Rogers. These vacancies have been filled by the election of Wm. F. Halsey, Esq., Rt. Rev. J. N. Galleher, Bishop of Louisiana, and J. C. Morris, Esq.

The Board of Administrators, as now constituted, consists of
 HON. RANDALL LEE GIBSON, (U. S. Senator), - President.
 HON. CHAS. ERASMUS FENNER, (Judge of the
 Supreme Court of Louisiana), - - - First Vice-President.
 JAMES McCONNELL, Esq., - - - Second Vice-President.
 PASCHAL N. STRONG, - - - Secretary and Treasurer.
 HON. SAMUEL D. McENERY, (Governor of Louisiana) *Ex-Officio*.
 HON. J. V. GUILLOTTE, (Mayor of New Orleans), *Ex-Officio*.
 HON. WARREN EASTON, (State Sup. Pub. Education), *Ex-Officio*.

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 HON. EDWARD DOUGLAS WHITE,
 EDGAR HOWARD FARRAR,
 REV. BENJAMIN M. PALMER, D. D., LL. D.,
 SAMUEL HORTON KENNEDY,
 WALTER ROBINSON STAUFFER,
 CARTWRIGHT EUSTIS,
 HENRY GINDER,
 JOHN TIMMONS HARDIE,
 ROBERT MILLER WALMSLEY,
 WILLIAM F. HALSEY,
 RIGHT REV. J. N. GALLEHER,
 JOSEPH C. MORRIS.

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 WM. O. ROGERS, - - - SECRETARY AND LIBRARIAN.
 CHAS. D. STAFFORD, - - - ASSISTANT LIBRARIAN.
 CHARLES G. GILL, - - -

FACULTY AND OFFICERS.

WM. PRESTON JOHNSTON, LL. D.,
PRESIDENT OF THE UNIVERSITY.

FACULTY,
(IN THE ORDER OF ELECTION.)

RANDELL HUNT, LL. D.,
EMERITUS RECTOR OF THE LAW DEPARTMENT; PROFESSOR OF CON-
STITUTIONAL LAW, COMMERCIAL LAW, AND THE LAW
OF EVIDENCE.

T. G. RICHARDSON, M. D.,
PROFESSOR OF GENERAL AND CLINICAL SURGERY.

STANFORD E. CHAILLÉ, M. D.,
DEAN OF THE MEDICAL DEPARTMENT, PROFESSOR OF PHYSIOLOGY
AND PATHOLOGICAL ANATOMY.

JOSEPH JONES, M. D.,
PROFESSOR OF CHEMISTRY AND CLINICAL MEDICINE.

SAMUEL LOGAN, M. D.,
EMERITUS PROFESSOR OF ANATOMY AND CLINICAL SURGERY.

ERNEST S. LEWIS, M. D.,
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OF WOMEN AND CHILDREN.

JOHN B. ELLIOTT, M. D.,
PROFESSOR OF THEORY AND PRACTICE OF MEDICINE AND CLINICAL
MEDICINE.

WILLIAM FRANCIS MELLEN, LL. D., Dean of Law Dept.,
PROFESSOR OF COMMON LAW AND EQUITY JURISPRUDENCE.

RICHARD H. JESSE,
PROFESSOR OF LATIN.

J. L. CROSS, A. B., (Va. Military Institute),
PROFESSOR OF PURE AND APPLIED MATHEMATICS.

J. H. DEILER, (Royal Normal College of Munich),
PROFESSOR OF GERMAN.

ALCÉE FORTIER,
PROFESSOR OF FRENCH.

BROWN AYRES, B. Sc., (Stevens' Ins., Fellow of Johns-Hopkins),
PROFESSOR OF PHYSICS AND ASTRONOMY.

ROBERT SHARP, M. A., PH. D., (Leipsic),
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WM. WOODWARD, (Massachusetts Normal Art School),
PROFESSOR OF DRAWING.

HENRY DENIS,
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THE UNITED STATES.

J. F. Y. PAINE, M. D.,
PROFESSOR OF MATERIA MEDICA AND THERAPEUTICS AND HYGIENE,
AND CLINICAL MEDICINE.

EDMOND SOUCHON, M. D.,
PROFESSOR OF ANATOMY AND CLINICAL SURGERY.

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HEAD MASTER OF THE HIGH SCHOOL, AND PROFESSOR OF LOGIC
AND ETHICS.

L. C. REED, A. B.,
PROFESSOR OF ENGLISH.

JOHN R. FICKLEN, B. LIT., (University of Va.),
PROFESSOR OF ENGLISH.

GEORGE GESSNER, A. M.,
PROFESSOR OF GREEK.

JOHN W. CALDWELL, A. M., M D.,
PROFESSOR OF GEOLOGY AND MINERALOGY, AND CURATOR OF
THE MUSEUM.

J. A. FERNANDEZ.
PROFESSOR OF SPANISH.

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LECTURER ON DISEASES OF THE EYE.

JOHNSON ARMSTRONG,
ASSISTANT PROFESSOR OF LATIN AND MATHEMATICS.

ARTHUR S. WHEELER, A. M.,
ASSISTANT PROFESSOR OF GEOLOGY AND MINERALOGY.

RUDOLPH MATAS, M. D.,
DEMONSTRATOR OF ANATOMY.

ELLSWORTH WOODWARD,
ASSISTANT PROFESSOR OF DRAWING.

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ASSISTANT PROFESSOR OF PHYSICS AND CHEMISTRY.

FLORIAN CAJÖRI,
ASSISTANT PROFESSOR OF MATHEMATICS.

B. W. BURGESS,
INSTRUCTOR IN PENMANSHIP AND BOOK-KEEPING.

JOHN FREDERICK GROENEVELT,
INSTRUCTOR IN DRAWING.

ALPHONSE F. DELBERT,
INSTRUCTOR IN DRAWING.

HENRY J. MALOCHÉE,
INSTRUCTOR IN DRAWING.

TULANE UNIVERSITY AND COLLEGE.

FACULTY OF ARTS.

WM. PRESTON JOHNSTON, LL. D.,
CHAIR OF HISTORY AND POLITICAL SCIENCE.

CHAIR OF METAPHYSICS.
Professor to be appointed.

ASHLEY D. HURT, A. M., Late President of Florida
Agricultural and Mechanical College,
CHAIR OF LOGIC AND ETHICS.

CHAIR OF ENGLISH LANGUAGE AND LITERATURE.
Professor to be appointed.

ALCIE FORTIER,
CHAIR OF FRENCH LANGUAGE AND LITERATURE.

J. H. DEILER, (Royal Normal College of Munich).
CHAIR OF GERMAN.

J. A. FERNANDEZ.
CHAIR OF SPANISH.

R. H. JESSE,
CHAIR OF LATIN.

ROBT. SHARP, M. A., Ph. D., (Leipsic).
CHAIR OF GREEK AND ANGLO-SAXON.

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CHAIR OF MATHEMATICS.

BROWN AYRES, B. Sc., (Stevens Ins., Fellow of Johns-Hopkins),
CHAIR OF PHYSICS.

J. M. ORDWAY, A. M., (Dartmouth, Late Professor of Massachusetts Institute of Technology).

CHAIR OF APPLIED CHEMISTRY AND BIOLOGY AND DIRECTOR
OF MANUAL TRAINING.

CHAIR OF CHEMISTRY.
Professor to be appointed.

STANFORD E. CHAILLÉ, M. D.,
PROFESSOR OF PHYSIOLOGY AND HYGIENE.

JOHN W. CALDWELL, A. M., M. D., (Late Professor of South-
Western University, Tenn.)
PROFESSOR OF GEOLOGY AND MINERALOGY AND CURATOR
OF THE MUSEUM.

ARTHUR S. WHEELER, A. M.
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WM. WOODWARD, (Massachusetts Normal Art School),
PROFESSOR OF DRAWING.

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STANFORD E. CHAILLÉ, M. D.,
PROFESSOR OF PHYSIOLOGY AND HYGIENE.

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PROFESSOR OF ENGLISH.

JOHN R. FICKLEN, B. Lit.,
PROFESSOR OF ENGLISH.

J. H. DEILER, (Royal Normal College of Munich),
PROFESSOR OF GERMAN.

ALCÉE FORTIER,
PROFESSOR OF FRENCH.

GEORGE GESSNER, A. M.,
PROFESSOR OF GREEK.

WM. WOODWARD, (Mass. Normal Art School),
PROFESSOR OF DRAWING.

ANNUAL CATALOGUE, 1884-85,

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ELLSWORTH WOODWARD,
ASSISTANT PROFESSOR OF DRAWING.

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ASSISTANT PROFESSOR OF PHYSICS AND CHEMISTRY.

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ASSISTANT PROFESSOR OF MATHEMATICS.

B. W. BURGESS,
INSTRUCTOR IN PENMANSHIP AND BOOK KEEPING.

JOHN FREDERICK GROENEVELT,
INSTRUCTOR IN DRAWING.

ALPHONSE F. DELBERT,
INSTRUCTOR IN DRAWING.

HENRY J. MALOCHÉE,
INSTRUCTOR IN DRAWING.

CHARLES A. HEATH,
INSTRUCTOR IN WOODWORKING.

EVERETT E. HAPGOOD,
INSTRUCTOR IN WOODWORKING

SUMMARY.—FACULTY OF ARTS.

ACADEMIC STAFF, 1885-1886.

PRESIDENT AND PROFESSORS,	-	-	-	-	15.
LECTURER,	-	-	-	-	1.
ASSISTANT PROFESSORS,	-	-	-	-	4.
INSTRUCTORS,	-	-	-	-	5.

Total, 25.

CATALOGUE OF STUDENTS.

7th Annual Session, 1884-85.

ACADEMICAL DEPARTMENT.

NAMES OF STUDENTS.	RESIDENCES.	NAMES OF PARENTS OR GUARDIANS.	SES- SIONS.
ADLER, JACOB.....	429 Canal st.....	A. Adler.....	3
ALLAIN, ERNEST.....	73 Coliseum st.....	Louis Bush.....	1
ARMSTRONG, WM. G.....	48 Euterpe st.....	Mrs L. B. Armstrong...	3
ANDRY, PAUL LOUIS.....	295 Marais st.....	Chas. G. Andry.....	2
BESS, CHAS. P. M.....	167 Second st.....	Chas. H. Bess.....	2
BILLIU, MORGAN.....	10 Euterpe st.....	Dr. C. J. Bickham.....	1
BORDE, ROBT. U.....	252 Canal st.....	Dr. J. F. Borde.....	7
BORDE, GEORGE.....	252 Canal st.....	Dr. J. F. Borde.....	3
BLANC, ED. H.....	255 Jackson st.....	S. P. Blanc.....	1
BOHN, HORATIO R.....	91 Esplanade st.....	Auguste Bohn.....	2
BROWN, CHAS. HENRY...	584 Camp st.....	C. H. C. Brown.....	3
CAIRE, HENRY.....	504 St. Charles st.....	Mrs. J. Caire.....	2
CARTER, THOS. T.....	Cor. Second & Camp st.....	Dr. J. Carter.....	2
COUTURIE, LOUIS.....	303 Esplanade st.....	A. Couturie.....	1
COX, GEO. A.....	Gretna, La.....	A. S. Cox.....	2
CUSHMAN, FRANK P.....	157 Milan st.....	L. Cushman.....	3
CHANDLER, WALTER M.....	139 Poydras st.....	K. D. Chandler.....	1
DELBERT, ALPH. F.....	Pitt., bet. Bordeaux & Lyon..	P. J. Delbert.....	4
DICKINSON, EDW. F.....	116 Grand Route, St. John..	M. M. Dickinson.....	6
DREYFUS, THOS. W.....	257 St. Mary st.....	L. Dreyfus.....	3
DYMOND, JOHN, JR.....	Cor. Fourth & Chestnut sts..	Jno. Dymond.....	3
EWING, QUINCEY.....	309 St. Charles st.....	Mrs. E. J. Ewing.....	2
FENNER, E. D.....	First and Camp sts.....	Chas. E. Fenner.....	3
FINLEY, EDW. L.....	394 Prytania st.....	A. F. Jones.....	2
FORMAN, B. R., JR.....	317 Second st.....	B. R. Forman.....	4
FORMENTO, JOS. WM.....	81 Esplanade.....	Dr. F. Formento.....	2
GENERELLY, ROGER.....	282 N. Rampart st.....	T. Generelly.....	3
GESSNER, H. J. B.....	297 Rocheblave st.....	Geo. Gessner.....	2
GILL, CHAS. G.....	297 Terpsichore st.....	T. M. Gill.....	5
GOMILA, JOS. H.....	1579 St. Charles st.....	A. J. Gomila.....	1
GROENEVELT, JNO. F.....	509 Carondelet st.....	E. F. Groenevelt.....	7
GROENEVELT, CARL E.....	509 Carondelet st.....	E. F. Groenevelt.....	4
HEINTZ, LOUIS P.....	77 Second st.....	Rev. L. Heintz.....	3
HERNSHEIM, JOS. P.....	1838 St. Charles st.....	S. Hernsheim.....	3
HERO, ANDREW.....	320 Annunciation st.....	Andrew Hero.....	2
HERO, WM. S.....	320 Annunciation st.....	Andrew Hero.....	2
HOLLAND, ROBT. A., JR..	63 Chestnut st.....	Rev. R. A. Holland....	2
JOHNSON, WM. THOS.....	Gretna, La.....	Wm. Johnson.....	1
JAMES, S. L., JR.....	275 Prytania st.....	S. L. James.....	1
JEWELL, WALTER L.....	Annunciation, near Orange..	E. J. Hart.....	4
JOHNSON, WILMER H.....	85 Erato st.....	L. Johnson.....	2
JURGIELEWICZ, EDW. A...	454 Common st.....	Mrs. W. L. Jurgielewicz	3
KATZENSTEIN, ADRIAN...	151 Bourbon st.....	E. Katzenstein.....	1
LACHBROOKE, EDW'D L...	73 Coliseum st.....	Louis Bush.....	1

LEAKE, FRANK M.....	Bayou Sara, La.....	W. W. Leake.....	1
LEOVY, FRANK A.....	221 Jackson st.....	H. J. Leovy.....	2
LEVY, LEON A.....	509 Magazine st.....	P. U. Levy.....	2
LEWIS, H. S.....	61 Esplanade st.....	E. S. Lewis.....	3
LIVAUDAIS, A. F.....	173 Terpsichore st.....	L. A. Livaudais.....	2
LORET, FRANCIS C., JR.....	189½ Erato st.....	F. C. Loret.....	3
LOWE, LEE GEO.....	30 Jackson st.....	M. M. Lowe.....	2
MAAS, CHARLES.....	Royal and Bienville sts.....	Dr. B. Maas.....	3
MIDDLEMISS, P. R., JR.....	481 Carondelet st.....	P. R. Middlemiss.....	2
MILNER, PURNELL M.....	86 Marengo st.....	Dr. U. R. Milner.....	2
MCBRYDE, ALFRED D.....	699 Baronne st.....	Mrs. L. W. McBryde.....	1
MCILHENNY, JNO. A.....	Terpsichore and Carondelet.....	E. McIlhenny.....	1
MCLEOD, WM. CHAS.....	495 Magazine st.....	Mrs. M. J. McLeod.....	3
MALOCHEE, HENRY J.....	31 Esplanade st.....	P. Malochee.....	1
NEWELL, JNO. STOKES.....	190 Erato st.....	J. D. S. Newell.....	1
PARKER, ROBT. B.....	294 Prytania st.....	J. M. Parker.....	1
PARKER, F. N.....	871 Carondelet st.....	Mrs. L. Parker.....	1
PERKINS, R. J., JR.....	Carrollton, La.....	R. J. Perkins.....	3
PERKINS, JOS. B.....	314 St. Claude st.....	J. B. Perkins.....	1
PATTON, MERCER W.....	221 Washington st.....	I. W. Patton.....	3
PATTISON, CHAS. E.....	299 Jackson st.....	W. J. Pattison.....	1
PHILIPPI, CHAS. H.....	48 Union st.....	C. A. Philippi.....	3
POPE, BOLLING A., JR.....	504 St. Charles st.....	Dr. B. A. Pope.....	4
RAINOLD, F. E. E.....	503½ Baronne st.....	F. E. Rainold.....	2
RAWLINS, JNO. A.....	167 Felicity st.....	S. W. Rawlins.....	3
RAYMOND, ALFRED.....	540 Baronne st.....	W. C. Raymond.....	6
ROBIN, F. A.....	324 St. Charles st.....	Miss L. Robin.....	3
ROMAN, GEORGE.....	92 Esplanade st.....	A. Roman.....	2
ROSS, JNO. WALKER.....	Gretna, La.....	Mrs. C. W. Ross.....	2
REYNOIR, F. A.....	9 Chartres st.....	Arthur Reynoir.....	1
REANEY, JNO. A.....	324 Chippewa st.....	Jno. Reaney.....	1
SCHERCK, LOUIS A.....	235 Chestnut st.....	Isaac Scherck.....	3
SOCOLA, ANGELO W.....	138 Decatur st.....	A. Socola.....	3
SPENCER, WALKER.....	949 Magazine st.....	Mrs. W. B. Spencer.....	3
STEWART, JNO. N.....	237 Philip.....	A. Stewart.....	3
STONE, JOS. WM.....	254 Jackson st.....	J. W. Stone.....	3
SANSUM, E. LEE.....	384 Josephine st.....	O. B. Sansum.....	1
TRIMBLE, WM. G.....	453 Dryades st.....	J. M. Trimble.....	2
WELSHANS, CHAS. N.....	187 Third st.....	Mrs. S. P. Welshans.....	4

HIGH SCHOOL DEPARTMENT.

NAMES OF STUDENTS.	RESIDENCES.	NAMES OF PARENTS OR GUARDIANS.	SES SIONS.
ANGELL, S. M., JR.....	184 Julia st.....	Dr. S. M. Angell.....	4
APP, WM. L.....	199 Baronne st.....	E. C. App.....	1
ABBOTT, JNO. WM.....	State near St. Charles.....	Mrs. A. L. Abbott.....	1
AMES, ROGER P.....	690 Baronne st.....	F. W. Ames.....	1
BOND, RICHARD T.....	211 Carondelet st.....	Mrs. R. C. Bond.....	
BATTLE, P. HENRY.....	Lafayette near Magnolia.....	J. Battle.....	2
BURKE, ULIC.....	178 Annunciation st.....	P. Mealey.....	1
BEHAN, W. C.....	383 Carondelet st.....	Mrs. B. Behan.....	2
BERNARD, V. L.....	174 Bayou Road.....	P. V. Bernard.....	2

BECKET, A. CHAS.....	130 Royal st.....	A. A. Becket.....	1
BAILEY, JNO. D.....	Peters st.....	C. H. Bailey.....	1
BARELLI, S. S.....	408 Baronne st.....	J. C. Barelli.....	1
BOUNY, LEONCE.....	265 Dauphine st.....	E. Bouny.....	1
BORLAND, THOS. H.....	88 Annette st.....	J. Borland.....	2
BORLAND, W. T.....	88 Annette st.....	J. Borland.....	2
BAILEY, JONAS W.....	Donaldsonville, La.....	J. W. Bailey.....	2
BURTHE, LEONCE.....	185 Bernard st.....	Louis Burthe.....	1

CAIRE, ARTHUR.....	West Baton Rouge.....	Mrs. M. A. Caire.....	2
CAIRE, N. S.....	West Baton Rouge.....	Mrs. M. A. Caire.....	2
CONRAD, PAUL J.....	271 Bayou Road.....	P. Conrad.....	1
CAMPBELL, WM. S.....	856 St. Andrew st.....	W. S. Campbell.....	1
CHALARON, T. J.....	73 Esplanade st.....	A. J. Chalaron.....	2
CLARK, H. H.....	133 Washington st.....	S. W. Clark.....	1
CAMPBELL, M. A.....	Fourth and Carondelet.....	D. J. Campbell.....	2
CASSARD, ERNEST J.....	4 Carondelet st.....	A. Cassard.....	2
CAREY, THOS. T.....	853 St. Charles st.....	Robt. Carey.....	1
CASSIDY, JNO. V.....	450½ Customhouse st.....	J. Cassidy.....	1
CHAMPLIN, W. F.....	179 Baronne st.....	W. S. Champlin.....	1
CUNNINGHAM, M.....	36 Carondelet st.....	M. Cunningham.....	1

DEPASS, MORRIS B.....	16 South Peters st.....	P. DePass.....	1
DEPASS, WM. K.....	444 Royal st.....	H. DePass.....	1
DINKENSPIEL, EDW.....	286 Philip st.....	M. Dinkenspiet.....	1
DENNEE, JNO. S.....	20 St. Charles st.....	R. Dennee.....	1
DELAVALLE, R.....	34 Bienville st.....	J. M. Delavallade.....	1
DUMESTRE, C. A.....	434 Annunciation st.....	A. Dumestre.....	1
DOUGALL, GEO. H., JR.....	219 Girod st.....	G. H. Dougall.....	2
DOUFOR, WM. C.....	4 Carondelet st.....	E. Doufour.....	2
DUGAZON, L. A.....	16 St. Louis st.....	L. J. Dugazon.....	2
DRUILHET, F. J.....	Jeanerette, La.....	N. Druilhet.....	2
DUVAL, R. L.....	268 Carondelet st.....	Mrs. F. T. Duval.....	2

ESTOPINAL, F.....	559 St. Charles st.....	A. Estopinal.....	1
ELLIS, ROWLAND B.....	246 Camp st.....	W. H. Ellis.....	2
ELIZARDI, PETER.....	Burgundy and Mandeville.....	R. Elizardi.....	2
ERATH, AUGUST E.....	282 N. Villere st.....	E. Erath.....	3
EASTMAN, H. C.....	551 Baronne st.....	Mrs. H. Kelly.....	1

FRANTZ, WM. LOUIS.....	53 Royal st.....	W. Frantz.....	1
FLETCHER, E.....	Beaumont, Texas.....	F. S. Long.....	1
FRANK, WALTER S.....	N. Peters, opp. Stock L.....	W. Frank.....	3

GUMBELL, H. E.....	192 Gravier st.....	S. Gumbell.....	1
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GILL, HENRY M.....	160 Common st.....	T. M. Gill.....	1
GUNS, CHAS. E.....	253 Terpsichore st.....	Mrs. B. Guss.....	1
GROSSMAN, ISIDORE.....	11 S. Peters st.....	J. Grossman.....	2
GAUSE, WM. C.....	136 Gravier st.....	H. Gause.....	2
GIRAULT, B. W.....	55 Esplanade st.....	Rev. J. F. Girault.....	1
GODCHAUX, JULES.....	81 Canal st.....	Leon Godchaux.....	2
GELPI, F. J.....	41 Decatur st.....	P. Gelpi.....	1
GELPI, ALCEE.....	41 Decatur st.....	P. Gelpi.....	1
GANUCHAU, WM. J.....	64 Camp st.....	Wm. Ganuchau.....	1
GODCHAUX, A. M.....	182 Esplanade st.....	L. Godchaux.....	2
GRAVOIS, CHAS. H.....	24 Bartholomew st.....	P. Gravois.....	1

HOLLANDER, SIMON.....	51 Customhouse st.....	F. Hollander.....	1
HOLLANDER, L. F.....	51 Customhouse st.....	F. Hollander.....	1
HARRIS, WALTER J.....	547 Carondelet st.....	E. Harris.....	1
HASKELL, JNO. C.....	238 Esplanade st.....	J. C. Haskell.....	1
HASKELL, E. E.....	238 Esplanade st.....	J. C. Haskell.....	1

HENRIQUES, J. C.	144 Carondelet st.	A. D. Henriques	1
HERNANDEZ, EMILE	245 Rampart st.	E. Hernandez	2
HERNANDEZ, EDW., JR.	245 Rampart st.	E. Hernandez	2
HART, WILLIAM	McDonoughville, La.	H. Hart	1
HOYLE, JNO. M.	52 Canal st.	W. D. Hoyle	2
HARRIS, ARCHIE	38 Natchez st.	S. J. Harris	1
HOLMES, JNO.	128 Tchoupitoulas st.	J. Holmes	1
HOLMES, ROBT. H.	50 Olivier st., Algiers	W. H. Holmes	1
HEINTZ, E. J.	77 Second st.	Rev. L. P. Heintz	2
HOLT, WM. E.	324 St. Mary st.	E. A. Holt	2
HERNSHEIM, FRANK	52 Common st.	S. Hernsheim	1
HERNSHEIM, CHAS.	52 Common st.	S. Hernsheim	1
JUMEL, ALBERT	17 Magazine st.	A. Jumel	1
JARVIS, WALTER J.	570 Goodchildren st.	W. Jarvis	1
JONES, ALBERT	368 Canal st.	Mrs. H. Jones	1
JOUBERT, T. L.	Gallier Court	L. Joubert	1
JUNG, THEODORE A.	354 Hospital st.	Lewis Jung	1
KREEGER, SAM'L G.	149 Canal st.	S. G. Kreeger	1
KRUMBHAAR, ALFRED P.	127 Carondelet st.	W. B. Krumbhaar	1
KEPPLER, CHAS. L.	461 Dryades st.	B. C. L. Keppler	2
KEARNY, WARREN	62 Magazine st.	J. W. Kearny	1
KEARNY, EDW. N.	62 Magazine st.	J. W. Kearny	1
KEITH, ROBT.	Beaumont, Texas	T. S. Long	1
LEGARDEUR, JOS. R.	30 Carondelet st.	G. LeGardeur	1
LEE, JULIUS	177 Baronne st.	Mrs. M. Lee	2
LEONHARD, ERNEST	55 Louisa st.	L. Leonhard	2
LYMAN, WM. C.	67 Camp st.	W. R. Lyman	2
LIVAUDAIS, L. A., JR.	Camp, cor. Gravier	L. A. Livaudais	2
LEWIS, A. J., JR.	2 Carondelet st.	Mrs. A. J. Lewis	3
LONG, SIDNEY	223 St. Joseph st.	Mrs. T. S. Long	1
LAMBERT, E. J.	Citizen's Bank	L. Lambert	2
LAZARD, JULES	29 Canal st.	C. Lazard	1
MARKS, M. S.	416 Carondelet st.	H. Marks	1
MENAGE, HENRY E.	284 Esplanade st.	H. Menage	1
MCCORKINDALE, W. J.	3 Dryades st.	W. McCorkindale	3
MORAN, PETER J.	15 Magazine st.	P. Moran	1
MORAN, EDW. B.	15 Magazine st.	P. Moran	1
MCMAHON, S. C.	263 Canal st.	Dr. W. McMahon	2
MIOTON, JNO. S., JR.	327 Ursuline st.	J. S. Mioton	1
MCCRACKEN, JNO. C.	33 Royal st.	J. McCracken	1
MCLAUGHLIN, H. F.	103 St. Ferdinand st.	J. McLaughlin	1
MONTAGNET, OCTAVE	201 St. Philip st.	O. M. Montagnet	1
NORTON, GILBERT H.	53 Carondelet st.	G. Norton	1
OTIS, HENRY A.	5 Tchoupitoulas st.	H. A. Otis	1
OTIS, ROWLAND	5 Tchoupitoulas st.	H. A. Otis	1
O'DONNELL, A. C.	29 Commercial st.	L. O'Donnell	2
PEETE, RICHARD	507 Baronne st.	G. A. Peete	1
PERKINS, LOUIS L.	174 Common st.	L. W. Perkins	2
PERKINS, PAUL F.	174 Common st.	L. W. Perkins	2
PALFREY, WM. S.	49 Carondelet st.	E. A. Palfrey	3
PARKER, JAS. F.	103 Poydras st.	J. M. Parker	1
PARHAM, EUGENE C.	135 Canal st.	E. F. Parham	1
ROOS, JOSEPH	Letter "G," Second st.	M. Roos	1
RIGHTOR, HENRY G.	513 Baronne st.	H. Rightor	2
RARESHIDE, J. H.	194 Gravier st.	J. H. Rareshide	1
RAINOLD, M. W.	503 1/2 Baronne st.	F. Rainold	2
RENAUD, WM. H.	90 Poydras st.	J. K. Renaud	4
REED, WARREN	Hillary and Zimple	L. C. Reed	2

ROMAIN, A. G.....	349 Marais st.....	A. G. Romain.....	2
ROSENBERG, A.....	72 Canal st.....	B. Rosenberg.....	1
SANDERS, JARED Y.....	Franklin, La.....	J. Y. Sanders.....	1
SEBMANN, G. F.....	513 Royal st.....	C. F. Seemann.....	2
SANTANA, ALBERT C.....	328 Baronne st.....	C. Santana.....	1
SOUTHMAYD, W.....	767 Carondelet st.....	F. R. Southmayd.....	1
SALLES, LOUIS F.....	Constance and Third.....	B. A. Salles.....	1
SCOTT, JOS. T.....	143 St. Charles st.....	Dr. Jos. Scott.....	1
SCHAFFINT, R. H.....	162 Chartres st.....	E. Schaffint.....	2
SHELDEN, CHAS. E.....	302 Royal st.....	J. W. Shelden.....	1
STUBENRANCH, A. V.....	Chestnut and Aline.....	V. Stubenranch.....	2
SANCHO, C. F.....	112 Frenchman st.....	F. Sancho.....	1
SAMUEL, ISIDORE.....	Gretna, La.....	F. Samuel.....	1
SPINDLER, HENRY F.....	35 Montagnet st.....	H. Spindler.....	
TREPAGNIER, N.....	Algiers, La.....	N. Trepagnier.....	1
THOMAN, LOUIS E.....	523 Camp st.....	O. Thoman.....	2
TRACY, W. P.....	144 Gravier st.....	T. M. Boylan.....	1
TRAHAN, A. R.....	126 Royal st.....	T. D. Trahan.....	1
THOMAS, JNO. R.....	489 Rampart st.....	Gen'l Allen Thomas....	1
URBAN, ALBERT S.....	420 Camp st.....	Mrs. C. Urban.....	1
VON GOHREN, LOUIS N.....	219 Canal st.....	Dr. L. A. Von Gohren..	3
VILLERE, HENRY L.....	356 Magazine st.....	L. Villere.....	2
VALLON, ALBERT.....	10 St. Peter.....	L. Vallon.....	3
VALETTE, F. G.....	Algiers, La.....	F. Vallette.....	1
VILLERE, OSCAR.....	356 Marais st.....	L. C. Villere.....	
VILLERE, LEON LOUIS.....	441 Dauphine st.....	E. C. Villere.....	
WILLIAMS, HARPER.....	203 Camp st.....	M. Williams.....	1
WOOD, B. I.....	489 S. Rampart st.....	Col. R. C. Wood.....	1
WEST, ROBT. S.....	3 North st.....	J. West.....	1
WATERMAN, T. S.....	240 Jackson st.....	T. S. Waterman.....	1
WATERMAN, GEO. A.....	240 Jackson st.....	T. S. Waterman.....	1
WALTERS, ROBT. B.....	253 Terpsichore st.....	R. B. Walters.....	1
WEAVER, LOUIS A.....	512 Baronne st.....	A. C. Weaver.....	2
WILTZ, ERNEST G.....	585 Philip st.....	L. A. Wiltz.....	2
WHITE, LOUIS A.....	547 Love st.....	E. A. White.....	1
WILSON, GEO. WM.....	Algiers La.....	Capt. B. W. Wilson....	1
WEST, EUGENE H.....	116 Gravier st.....	E. W. Hunter.....	1



PROFICIENTS, MEDALLISTS, AND GRADUATES.

SESSION 1883-84.

HIGH SCHOOL.

The following students having passed satisfactory examinations in the Lower Form of the High School received Certificates in testimony thereof:—

J. W. BAILEY.....	English
C. W. BEHAN.....	English, Mathematics
C. H. BROWN.....	Latin
H. A. BROWN.....	English
A. CAIRE.....	Latin, English, Mathematics, French
H. CAIRE.....	Latin
N. S. CAIRE.....	Latin, English, Mathematics, French
M. A. CAMPBELL.....	Latin, English, Mathematics, French
F. CHALARON.....	French
F. J. DRUILHET.....	English
W. C. DUFOUR.....	English, Mathematics
L. T. DUGAZON.....	English, Mathematics
A. L. DUVAL.....	English, Mathematics, French
P. A. ELIZARDI.....	English, French
R. B. ELLIS.....	English, Mathematics
A. E. ERATH.....	English, Mathematics
W. S. FRANK.....	Latin, French
W. C. GANSE.....	English, Mathematics, French
A. GODCHAUX.....	English, Mathematics, French
J. GODCHAUX.....	French
I. GROSSMAN.....	English, Mathematics
E. J. HEINTZ.....	Mathematics, German
J. T. HERNSHEIM.....	German
W. S. HOLMES.....	English
G. C. HONOLD.....	Latin, Mathematics, French
L. A. JACOB.....	English
L. KATZ.....	Latin, English, Mathematics, French, German
J. LEE.....	Mathematics
E. J. LEONHARD.....	English, Mathematics
I. LEVY.....	English
A. J. LEWIS.....	English, Mathematics, French
E. W. LINDAUER.....	English, Mathematics
L. A. LIVAUDAIS.....	English, Mathematics
F. C. LORET.....	Mathematics
P. D. L. MAYER.....	Mathematics, German
G. C. MAZERAT.....	Mathematics
W. J. McCORKINDALE.....	Latin, French
S. C. McMAHON.....	English, Mathematics
R. H. NESTLER.....	Latin
E. ORTENBACH.....	Spanish
L. L. PERKINS.....	French, Spanish
P. F. PERKINS.....	Spanish
M. W. RAINOLD.....	Latin, English, Mathematics, German
W. B. REED.....	Latin, English, Mathematics
W. H. RENAUD.....	French

C. M. RODD.....	Latin, Mathematics
A. G. ROMAIN.....	English, Mathematics, French
J. W. ROSS.....	Latin
H. J. R. SCHAFFNIT.....	English, Mathematics, German
A. W. SOCOLA.....	French, German, Spanish
J. N. STEWART.....	Latin, Mathematics
A. V. STUBENRAUCH.....	English, Mathematics, French, German
L. E. THOMAN.....	English, Mathematics, German
A. VALLON.....	French

HIGH SCHOOL.

The following students having successfully completed the High School courses in the subjects pursued by them, Certificates were awarded them in testimony of their fitness to enter the Junior Classes of the Academical Department;—

J. ADLER.....	English, Mathematics, French, German
C. T. BEYER.....	Mathematics, Spanish
C. W. BOGEL.....	English, French
H. R. BOHN.....	Latin, Greek, English, Mathematics, French
C. M. BRADY.....	Latin
C. H. BROWN.....	English, Mathematics
H. CAIRE.....	English, Mathematics, French
M. DIBBLE.....	Latin, English, Mathematics
T. W. DREYFUS.....	Latin, English, Mathematics, German
E. L. FINLEY.....	Mathematics
W. J. FORMENTO.....	English, French
R. GENERELLY.....	English, French, Spanish
H. B. GESSNER.....	Latin, Greek, English, Mathematics
C. E. GROENEVELT.....	English, French
L. F. HEINTZ.....	Latin
W. S. HERO.....	English, Mathematics, French, German
J. G. HERRING.....	Latin
W. L. JEWELL.....	Latin, English
E. A. JURGIELEWICZ.....	English, Mathematics, French
L. G. LOWE.....	English, Mathematics
P. R. MIDDLEMISS.....	Latin
P. M. MILNER.....	Latin, English, Mathematics, French, German
S. R. PARKERSON.....	Latin, English, Mathematics, French
R. J. PERKINS.....	Latin, English, Mathematics, French
G. M. ROMAN.....	English
J. N. STEWART.....	English
G. F. STICKNEY.....	Mathematics
L. A. TURNER.....	English
C. N. WELSHANS.....	English, French

PENMANSHIP MEDAL.—GEORGE C. MAZERAT.

ACADEMICAL DEPARTMENT

PROFICIENTS.

School of Latin.

Introductory Class—G. U. Borde, H. W. Marx, F. A. Robin, E. W. Rodd, W. Spencer, G. J. Tusson.

Junior Class—W. G. Armstrong, F. P. Cushman, John Dymond, Jr. E. D. Fenner, W. C. McLeod, M. W. Patton, C. H. Phillippi, J. A. Rawlins, G. C. Walshe.

Intermediate Class—L. N. Cushman, C. P. Fenner, H. R. Labouisse, F. E. Rainold, H. S. Suthon.

School of Greek.

Junior Class—F. P. Cushman, W. C. McLeod.

Intermediate Class—L. N. Cushman, R. A. Holland, Jr., H. R. Labouisse.

School of English.

Junior Class—C. M. Brady, C. R. Churchill, G. A. Cox, Q. Ewing, E. L. Finley, A. Hero, L. F. Heintz, F. M. Leake, P. R. Middlemiss, R. H. Nestler, M. W. Patton, F. E. Rainold, E. W. Rodd, J. W. Ross, G. C. Walshe.

Intermediate Class—W. G. Armstrong, J. Dymond, Jr., C. P. Fenner, C. Maas, W. C. McLeod, C. H. Phillippi, F. A. Robin, W. Spencer.

School of French.

Junior Class—W. G. Armstrong, C. M. Brady, E. F. Dickinson, M. W. Patton, F. E. Rainold, E. W. Rodd, G. C. Walshe.

Intermediate Class—G. A. Cox, J. E. Elizardi, E. D. Fenner, E. L. Finley, C. G. Gill, A. Hero, H. S. Lewis, P. R. Middlemiss, R. H. Nestler, J. A. Rawlins, J. W. Ross, W. Spencer.

School of German.

Junior Class—W. H. Johnson.

Intermediate Class—W. G. Armstrong, R. H. Nestler, J. W. Ross.

School of Spanish.

Junior Class—A. L. Fernandez, J. S. Lombard.

School of Mathematics.

Junior Class—C. P. Fenner, A. Hero, C. Maas, W. C. McLeod, P. R. Middlemiss.

Intermediate Class—H. R. Labouisse, F. E. Rainold, F. A. Robin, G. C. Walshe.

School of Physics.

Junior Class—C. G. Gill, J. F. Groenevelt, B. A. Pope, Jr., A. Raymond, C. E. Stevens.

School of Chemistry.

Junior Class—L. A. Becnel, R. G. U. Borde, A. F. Delbert, J. F. Groenevelt, A. Raymond, F. A. Robin.

Commercial Course.

J. E. Elizardi, A. L. Fernandez, L. F. Heintz, J. S. Lombard, A. F. Livaudais, D. Liberman, H. W. Marx, W. Spencer, G. C. Walshe.

ACADEMICAL DEPARTMENT.

TITLED GRADUATES.

Bachelors of Arts.

Robert George Urquhart Borde, John Frederick Freeborn Groenevelt.

Bachelor of Literature.

Charles Grandison Gill.

GRADUATES.

School of Latin.

R. G. U. Borde, C. G. Gill, J. F. Groenevelt.

School of Greek.

R. G. U. Borde, C. G. Gill.

School of English.

L. N. Cushman, A. F. Delbert, B. R. Forman, Jr., J. S. Lombard, B. A. Pope, Jr., C. E. Stevens, H. S. Suthon.

School of French.

P. L. Andry, G. U. Borde, C. P. Fenner, B. R. Forman, Jr., J. F. Groenevelt, J. S. Lombard, C. Maas, B. A. Pope, Jr., C. E. Stevens, H. S. Suthon, G. J. Tusson.

School of German.

R. G. U. Borde, L. F. Heintz, H. S. Lewis, C. Maas, H. W. Marx, E. Schultz, H. S. Suthon.

School of Mathematics.

R. G. U. Borde, A. F. Delbert, C. G. Gill, B. A. Pope, Jr., C. E. Stevens.

School of Physics.

A. Raymond.

School of Chemistry.

L. A. Becnel, A. Raymond.

School of Astronomy.

R. G. U. Borde, E. F. Dickinson.

MEDALS.

Glendy Burke Medals.

Elocution.....	H. S. Suthon.
Mathematics.....	{ R. A. Pope, Jr.
Best English Essay.....	{ C. E. Stevens.
	A. Raymond

Judah Touro Medals.

Ancient History.....	{ C. G. Gill.
Latin.....	{ H. R. Labouisse.
Greek.....	{ J. F. Groenevelt.
	H. R. Labouisse.

Louis Bush Medal.

Best French Essay.....	A. F. Delbert
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PROFICIENTS, MEDALLISTS AND GRADUATES.

SESSION 1884-85.

HIGH SCHOOL.

The following Students have been awarded Certificates for satisfactory completion of the prescribed Studies, in the Lower Form of the High School.

Abbott, John William.....	Mathematics, English
App, William S.....	Mathematics
Behan, Wallace Charles.....	Latin
Borland, William.....	French
Bouny, Leonce.....	French
Champlin, Wm. F.....	Mathematics, French, English
Cunningham, M. J.....	Mathematics
Dennee, John Sinclair.....	Mathematics, Spanish, English
Dumestre, Casimir A.....	French
DePass, William H.....	Mathematics
Estopinal, Fernando.....	Spanish
Ganucheau, William J.....	English, French
Gelpi, Alcee.....	German, French
Gill, Henry.....	Greek, Latin
Godchaux, Jules.....	Mathematics, German
Gelpi, Fernand J.....	German
Harris, Archie.....	French
Hoyle, John M.....	German
Haskell, Edward E.....	Mathematics, English
Haskell, John C.....	Mathematics
Hero, William S.....	Latin
Kearny, Edward N.....	Mathematics, English, French, German
Kreeger, Samuel George.....	Mathematics
McLaughlin, Henry F.....	Mathematics, English
McCracken, John Clark.....	Mathematics
Maas, Charles.....	Latin
Otis, Henry Amos.....	Mathematics
Otis, Rowland.....	Mathematics
Parham, Eugene C.....	English, Latin
Peete, Richard.....	Latin
Southmayd, Wm. P.....	Mathematics, English
Trahan, Anatole R.....	French, Latin
Waterman, Thomas S.....	English
Weaver, Louis A.....	Mathematics, French, English
Walters, Robert B.....	Latin
Wiltz, Louis G.....	Latin
West, Eugene H.....	Mathematics

The following Students have been awarded Certificates for satisfactory completion of their studies in the Higher Form of the High School.

Bernard, Victor Leon.....	French, English, Mathematics, Latin
Brown, Charles H.....	Latin
Caire, Arthur.....	English, Mathematics, Latin
Caire, Nemours S.....	English, Mathematics, Latin
Conrad, Paul J.....	English, French, Latin
Chalaron, Frank J.....	Latin, French
Duval, Robert.....	French
Druilhet, Frederick J.....	German, French
Elizardi, Peter A.....	German
Ellis, Rowland B.....	Mathematics, English, Latin
Frank, Walter S.....	Mathematics, English
Grossman, Isidore.....	English, German, French
Girault, B. W.....	English, Mathematics, Latin, Greek
Godchaux, Albert M.....	Mathematics, German, French
Gill, Henry W.....	English
Hernsheim, Frank J.....	English, Mathematics, German, French
Hernsheim, Chas.....	English, Mathematics, German
Heintz, Edward J.....	Mathematics, Latin
Holt, William Edward.....	Mathematics, German
Holmes, R. H.....	English, Mathematics
Jurgielewicz, Edward A.....	Latin
Joubert, Frederick.....	English, French
Kearny, Warren.....	Mathematics, English, French, German
Kreeger Samuel G.....	Mathematics, French
Lewis, Alfred J., Jr.....	English, Mathematics, Latin, French
Lowe, Lee George.....	Latin
McCorkindale, W. I.....	English
Mioton, John S.....	Spanish, French
Newell, John S.....	Latin
Otis, Rowland.....	English, Mathematics, French
Otis, Henry A.....	Spanish
Parker, James Porter.....	English, Latin, Mathematics, French
Perkins, Paul F.....	Spanish
Perkins, Louis L.....	Spanish, French
Peete, Richard.....	English, Mathematics, French
Renaud, W. K.....	English
Reed, Warren B.....	English, Mathematics, German
Rosenberg, Abraham.....	Latin, Mathematics, English, French
Romain, Armand G.....	Mathematics, English, French
Rainold, Mozart W.....	English, Mathematics, Latin, German
Stubenrauch, Arnold V.....	English, Mathematics, German, French
Stewart, John N.....	Latin
Sheldon, Charles E.....	English
Schaffnit, Robert H.....	German
Tracy, Wm. P.....	German
Thoman, Louis E.....	English, French, German
Vallon, Albert.....	English, Mathematics, Spanish
Villéré, Henry L.....	English, Mathematics, French
Waterman, Geo. A.....	English, Mathematics, French, Latin
Williams, Harper.....	English, Mathematics, Latin

PRIZE ESSAYS.

Kindness to Animals—Warren Kearny.

Intelligence of Animals—A. J. Lewis Jr.

ACADEMICAL DEPARTMENT.

PROFICIENTS.

If a student has obtained in any class a general average of 75 (100 being perfect) on the work of the year, he receives on Commencement Day, a Certificate of Distinction in that class, and is graded as a "Proficient." In estimating the general average, both the sessional standing and the examination marks are considered.

School of Latin.

Introductory Class—R. J. Perkins, Jr., Th. W. Dreyfus, F. A. Leovy, L. F. Heintz, Henry Caire. Ernest Allain.

Junior Class—Morgan Billiu, Hermann Gessner, Leon A. Levy.

Intermediate Class—Benjamin R. Forman, Jr., William C. McLeod, William G. Armstrong, Erasmus D. Fenner, Quincey Ewing, Fernand A. Robin.

School of German.

Junior Class—C. E. Groenevelt, William L. Jewell.

Intermediate Class—Jacob Adler, Theodore W. Dreyfus, Roger Generelly, Alfred Raymond, William S. Hero, Leon Levy, Frank E. E. Rainold.

School of Spanish.

Junior Class—Roger Generelly, Angelo Socola.

School of Greek.

Introductory Class—Morgan Billiu, Hampden S. Lewis.

Junior Class—Hermann Gessner.

Intermediate Class—William C. McLeod.

School of French.

Junior Class—Charles H. Brown, Frank M. Leake, Francis C. Loret, Jr., Lee George Lowe, Louis A. Scherck, Wm. G. Trimble.

Intermediate Class—Jacob Adler, Ernest Allain, Theodore W. Dreyfus, William S. Hero, Edward A. Jurgielewicz, Leon A. Levy, Purnell M. Milner, Mercer W. Patton, Robert J. Perkins, Jr., Frank E. E. Rainold.

School of Mathematics.

Junior Class—Ernest Allain, G. A. Cox, Theodore W. Dreyfus, E. D. Fenner, John W. Ross.

Intermediate Class—Benjamin R. Forman, Jr., Andrew Hero, Charles Maas, William C. McLeod, Mercer W. Patton, L. A. Scherck, Walker A. Spencer.

School of English.

Junior Class—E. Allain, T. W. Dreyfus, E. Jurgielewicz, P. L. Andry, H. R. Bohn, H. Gessner, F. A. Leovy, J. S. Newell, Jacob Adler, C. N. Welshans, H. Caire, W. S. Hero, R. J. Perkins, Jr., W. H. Johnson, W. L. Jewell.

Intermediate Class—Frank E. E. Rainold, M. W. Patton, Andrew Hero, P. R. Middlemiss, Quincey Ewing, L. A. Scherck, Alfred Raymond.

History and Literature—E. D. Fenner, John Dymond, Jr., G. U. Borde.

School of Chemistry.

Junior Class—P. L. Andry, Horatio R. Bohn, Charles G. Gill, Chas. Maas, L. A. Scherck.

DIPLOMAS.

When a student has completed successfully the whole course of study in any school, he is awarded on Commencement Day a Diploma in that school. The following students received diplomas:

School of English.

W. G. Armstrong, H. S. Lewis, John A. Rawlins, Louis Couturié, Charles Maas, F. A. Robin, R. A. Holland, Jr., Wm. C. McLeod, Walker Spencer.

School of French.

Henry Caire, Erasmus D. Fenner, Hermann B. Gessner, Louis Couturié, Edward L. Finley, Roger Generelly, George A. Cox, Jos. W. Formento, Charles G. Gill, Hampden S. Lewis, John A. Rawlins.

School of German.

William Armstrong, A. F. Delbert, Robert U. Borde, J. F. Groenevelt, G. A. Cox, Andrew Hero, B. A. Pope, Jr., J. W. Ross.

School of Latin.

Frank E. E. Rainold, Robert A. Holland, Jr.

School of Greek.

Robert A. Holland, Jr.

School of Mathematics.

Robert A. Holland, Jr., Hampden S. Lewis, Frank E. E. Rainold, Fernand A. Robin.

School of Chemistry.

Robert U. Borde, Charles G. Gill, A. F. Delbert, John F. Groenevelt.

School of Physics.

Robert U. Borde, A. F. Delbert, John F. Groenevelt, Charles G. Gill, B. A. Pope, Jr.,

School of Astronomy.

A. F. Delbert, Chas. G. Gill, Bolling A. Pope, Jr.

MEDALLISTS.

GLENDY BURKE MEDALS.

Elocution.....Robert A. Holland, Jr.
Mathematics.....Frank E. E. Rainold
Best English Essay.....Bolling A. Pope, Jr.

JUDAH TOURO MEDALS.

Ancient History.....Wm. Chas. McLeod.
Latin.....Frank E. E. Rainold.
Greek.....Robert A. Holland, Jr.

LOUIS BUSH MEDAL.

Best French Essay.....Louis Couturié.

TITLED GRADUATES,

BACHELORS OF SCIENCE.

Alphonse F. Delbert, Bolling A. Pope, Jr., Alfred Raymond.

MASTERS OF ARTS.

Robert Urquhart Borde, Charles Grandison Gill, John Frederick Groenevelt,
Arthur Seaver Wheeler.

SUMMARY,

MASTERS OF ARTS,	- - - - -	4
BACHELORS OF SCIENCE,	- - - - -	3
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		7

GRADUATES IN SCHOOLS.

ENGLISH,	- - - - -	9
FRENCH,	- - - - -	11
GERMAN,	- - - - -	8
LATIN,	- - - - -	2
GREEK,	- - - - -	1
MATHEMATICS,	- - - - -	4
CHEMISTRY,	- - - - -	4
PHYSICS,	- - - - -	5
ASTRONOMY,	- - - - -	3
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TULANE UNIVERSITY OF LOUISIANA.

PLAN OF EDUCATION.

The following plan of education has been adopted :

I. Tulane University of Louisiana is divided into Tulane University, Tulane College and Tulane High School, the Law Department and the Medical Department.

II. White boys twelve years old, of good moral character, who have the basis of a good primary school education in Reading, Writing and Arithmetic, may enter the High School.

III. The pupils in the High School are divided into three classes, according to attainment: Preparatory, Intermediate and Sub-Freshman. All the students in the Preparatory class shall pursue the same studies and exercises, to-wit: English, Mathematics, Geography, Natural Science, Physiology and Hygiene, Drawing, Penmanship, Gymnastics and Manual Training,

IV. Above the Preparatory Class, the instruction diverges into parallel and equivalent courses of study. These for the present shall be: 1st. Classical. 2d. Literary. 3d. Natural Science. 4th. Mathematical. 5th, Mechanical. 6th. Commercial.

The studies to be pursued in each course shall be those contained in the schedule hereto annexed.

The student passing satisfactorily through any course in the High School, shall receive a diploma stating that fact.

V. Tulane College has four classes: Freshman, Sophomore, Junior, and Senior. A graduate of the High School, or anyone passing an examination on its requirements, may enter any course in the College, at its opening. The courses of study are those already named, and the studies, those contained in the schedule hereinafter set forth.

Students, who pass the examinations of the Senior year in any of these courses, shall receive the Degree of Bachelor of Arts, in that course, and students of extraordinary merit may have added to this, "with distinction."

VI. Tulane University gives instruction, through its Faculty, graduates of Tulane College, and other institutions of like standing, to persons who pass a satisfactory examination on branches of

edge, and studies fully equivalent. They may select their own studies, with the approbation of the President, and when these have been pursued for two years to the satisfaction of the President and Faculty, they shall, after a satisfactory examination and a written thesis approved by the President and Faculty, receive the Degree of Master of Arts. Further studies, pursued under like conditions with superior excellence and attainments, shall entitle them to the Degree of Doctor of Philosophy, and no fees shall be exacted for such a course.

VII. The Faculty may, with the approval of the President, admit special students to special courses of study in the College or University, when this can be done without detriment to the interests of the institution or its students. But such special courses shall not entitle the student to a diploma or a degree.

VIII. The annual fees in the Law School, Tulane University, Tulane College and Tulane High School shall be fifty dollars, payable quarterly in advance and no extras shall be charged.

IX. The students in the High School shall be employed five days and a half in each week, and in the College six days; the frequent holidays and short intermissions of study at Christmas and Mardi Gras, and the long vacation giving sufficient relaxation.

Tulane University is an institution founded on the endowment of that patriotic and benevolent citizen, Mr. Paul Tulane, for the higher education of the white youth of Louisiana. A new institution should enter upon its career with a clear conception of its objects, and with a judicious and well defined plan of existence and action. The Administrators of Tulane University have endeavored to effect these objects, and they hope consistently to carry forward the plan of education adopted by them. As this is the first catalogue since the legislative reorganization of the University of Louisiana as the Tulane University of Louisiana, it will not be deemed improper if the Board here briefly sets forth its designs, and the methods by which hereafter it hopes to do its part in the field of education.

Recognizing the great fact that education is a unit, integral from its very nature, the Administrators look to the actual condition of things in Louisiana, and find themselves obliged to embrace in their scheme, a plan both broad and deep, and to institute, for the successive phases of educational development, a High School, a College and a University. Taking the youth on the threshold of the higher education, its object will be, through judicious instruction, to train him to know, to do, and to be, and thus to develop a consistent manhood by means of this harmonious and equable evolution of body, mind and soul.

Three years are allotted to that earlier academic life of the HIGH SCHOOL, which should fit him for the College, or for an ordinary, practical business career. Throughout the High School the attempt will be made

toward a normal adjustment of that physical, mental and moral training, which is so much praised, and so little practiced. The hand, the eye and the muscles are trained both by gymnastic exercises under a teacher, and by that handwork in wood and iron, which is now admitted to be the true basis of the best mechanical education, and is claimed to confer so many other benefits. We recognize in it a most useful adjunct to all the efforts for a harmonious human evolution, and for all thoroughly co-ordinated schemes of education. The Manual training school is not a separate department of Tulane University, but the laboratory in wood and iron, where instruction and practice render the student quick, observant and accurate with the eye; ready, skilful and exact with the hand, and able to think *in* things, as well as *about* them, and to execute as well as to describe.

In this physical and mechanical training, Drawing is considered fundamental, and enters into every course. Every student who enters the High School learns to draw, while those who propose a mechanical career carry it to its last results in applied art.

Penmanship and accounts are also taught as practical studies.

Another branch of knowledge which every student is obliged to learn is Physiology and Hygiene. It is taught by an eminent and experienced Professor, the Dean of the Medical Faculty, in interesting lectures specially adapted to the age and advancement of these young students, and it is believed that this instruction will result in incalculable good.

The entire instruction intended directly for the mental, and indirectly for the moral development of the pupils leads to the six courses of study of the College, which, as mentioned more particularly hereafter, are intended to fit the students with special reference to their chosen pursuits in life.

There are three classes in the High School, which are termed Preparatory, Intermediate and Sub-Freshman. To enter the High School requires a good elementary education in Reading, Writing, and Arithmetic including proportion, with the ordinary school knowledge of Geography and History.

In the Preparatory Class all the students have the same studies, as will be observed by referring to the Schedule of Courses of Studies. These diverge slightly in the Intermediate Class and still more widely in the Sub-Freshman Class. But, in all the courses, English, Mathematics and Elementary Natural Science are taught, and the effort is made duly to train all the intellectual faculties, while imparting that knowledge which will be found most available in the practical affairs of life.

No student can enter any class, or pass to a higher one, without being fully and really prepared for it, and evincing this preparation by a satisfactory examination.

The student who finishes any one of the six regular courses of the

High School will be entitled to a DIPLOMA, and, if he has attained superior excellence in any of them, or pursued other studies to an extent to warrant such meritorious notice in the opinion of the Faculty, he will be granted a Diploma with Distinction.

TULANE COLLEGE

rests upon its High School, of which it is the proper outcome. It covers, with four years of solid collegiate instruction and training, the second great phase of liberal education. Its purpose is to train and discipline the student for the professions or for leadership in the superior walks of the manifold and ever widening spheres of active life.

To attain properly this high aim every faculty of the mind must be disciplined to work efficiently to its appointed ends. Every grand division of the complete sphere of human knowledge should be represented in a rounded academic education. Philosophy, History, Mathematics, Natural Science, in its principal realms, and the Languages, which are the expression and embodiment of human thought, all serve as necessary agents in a harmonious evolution of intellect and character, and should all be represented in any scheme or course of study which pretends to give a complete liberal education. To assume, however, that there is only one course which shall do equally well for all, no matter what their intended careers may be, is to take the attitude of the quack who has one nostrum for all human ills.

"A man should be first, and most of all, a man; and hence, as I have said, *all* his faculties must be educated. But to be a man in the highest sense, he must be a thinker and a worker in some special thing. Every true man has his appointed place to fill in the grand scheme of Providence. Be it little or great he should try to fill it adequately. But to do this aright, not only must all his faculties be developed, but some of them must be specially developed. Hence all the faculties are not to be *equally* educated. In their education we must look to this end in view. The education of each man must be adapted, as far as possible, to his proposed work in life. It is plain, therefore, that no one curriculum will suit every mind. There is no panacea in education." *

Not trusting in the ability of immature students, or even of parents, unaccustomed to consider the due proportion and sequence of studies, to attain their own ideals in education, Tulane College has established six courses of study, with prescribed branches, all leading to the degree of Bachelor of Arts. These courses, though leading to different pursuits in life, are parallel and fully equivalent in the amount, proportion, and exactness of the training and instructions afforded.

* President Johnston's address on "The Work of the University of America," before the South Carolina College, Jan. 25th, 1884.

The courses are denominated respectively, Classical, Literary, Mathematical, Natural Science, Commercial and Mechanical. Each has four Classes, which retain the time honored names of Freshman, Sophomore, Junior and Senior. In each course of study, and in each year of that course, it has been sought, by a proper and logical arrangement of studies, to carry forward the instruction and the training to a given practical end.

The degree of Bachelor of Arts is conferred for the successful accomplishment of any of the six regular courses named. Objections are sometimes made to conferring this degree, except according to the common standard, or for the studies assigned by certain self-constituted authorities. As this standard is elastic, and their scheme of studies constantly changing, we may safely prefer a logical and simple system to their complex educational architecture, until they are agreed among themselves, what is what. On the other hand under the optional system, students on Commencement Day, might well remind one of a harvest home, some bearing sheaves of diplomas in their arms, and even the small boys marching off with large gleanings of certificates and other important documents testifying to their attainments, thus making much out of little. But to crown the ceremony a very few exceptional men, with the very exceptional degree of Master of Arts, are certified to as having mastered the whole realm of human knowledge, and go forth to the average existence of ordinary men.

Tulane College takes the position that a well rounded course or curriculum, fulfilling the disciplinary functions of Collegiate instruction, by training all the faculties, and representing in reasonable proportion, all the realms of human knowledge, ought to entitle the student, who accomplishes it, to a degree certifying him as liberally educated. There is nothing in the origin or history of the degree of Bachelor of Arts to make a fetich of it. It originated as a diploma certifying that the student had learned the trivium and the quadrivium which were principally sciences. There is nothing that requires the further indefinite and increasing multiplication of degrees of diverse names, to add to their unmeaning complexity. It even now requires an expert to understand a college catalogue. What will be the result if the process goes on? Bachelor of Arts in a particular course, naming it with or without distinction, will give that reasonable notification to the world of a graduate's attainment, which contains all the meaning there is in a degree.

A comparison of our courses of study as set forth with those of the oldest and best in the land will show that we have not diminished the requirements for graduation in Bachelor of Arts, in the amount of studies, and we hope to prove by our strictness in granting degrees that the standard of excellence has not been lowered.

If the student in a college should feel and act as one under authority, the graduate of the college, who enters on a university career, should recognize that he is called to a higher culture, which does not simply per-

mit, but demands liberty of choice, the exercise of independent thought, an earnest attempt at original investigation and individual conviction. Herein he must receive the inspiration of the scientific spirit and pursue his studies by the scientific method, under the guidance, but not under the authority of a professor.

Helmholtz says, speaking of academic freedom in German Universities, "The majority of the students,—who are, as it were, the representatives of the general opinion,—must come to us with a sufficiently logically trained judgment, with a sufficient habit of mental exertion, with a tact sufficiently developed on the best models, to be able to discriminate truth from the babbling appearance of truth. * * * Thus prepared, they have hitherto been sent to us by the Gymnasiums. It would be very dangerous for the Universities if large numbers of students frequented them who were less developed in the above respects. * * * It must not be looked upon as pedantry, or arrogance, if the Universities are scrupulous in the admission of students of a different style of education."

Acting on this view, we leave to the College the disciplinary work of education, to be pursued by these collegiate or gymnastic methods. We reserve for the University that higher culture pursued in the scientific spirit, which is the true university work.

We admit to our University, as candidates for our degrees, the graduates of our own and other colleges with fairly equivalent requirements, and such other persons as shall pass a satisfactory examination on branches of knowledge and studies fully equivalent. University students may select their studies with the approval of the President, and when these have been pursued for two years to the satisfaction of the President and Faculty, they shall, after a satisfactory examination and written thesis, approved by the President and Faculty, receive the Degree of Master of Arts.

The Degree of Doctor of Philosophy can be conferred for further and eminent attainments in special branches of knowledge.

Such is the plan adopted for academic education in the different departments of Tulane University for its work in philosophy and the arts. Its failure would, to some extent, be its own condemnation. Its success will be the best proof of its adaptation to surrounding conditions. We are willing to abide by this test.

COURSES OF STUDY.

TULANE HIGH SCHOOL.

There are six Courses of Study which extend from the Preparatory Class in the High School through our Senior Class in Tulane College. 1, Classical. 2, Literary. 3, Mathematical. 4, Natural Science. 5, Commercial. 6, Mechanical.

In the Tulane High School, the studies in the Preparatory Class are the same in all the courses. These are English, Mathematics, Natural Science, Geography, Physiology and Hygiene by lecture, Drawing, Penmanship, Manual Training and Gymnastics.

Pupils in the Intermediate Class pursue the same studies which were begun in the Preparatory, except that for Natural Science and Geography there are substituted Latin in the Classical, Literary, Mathematical and Natural Science Courses, and French and Commercial Arithmetic and Bookkeeping in the Commercial and Mechanical Courses. In the Mechanical Course, additional Drawing is also substituted for Penmanship and further Manual Training for Gymnastics.

In the Sub-Freshman Class, all the pupils in the Classical, Literary, Mathematical and Natural Science Courses study English, Mathematics, Physical Science and Drawing. In the Classical Course, Greek is begun, and in the Literary Course, German. In the Mathematical, Natural Science and Commercial Courses, the studies of Science etymology, based principally on the Greek Language, is pursued, in order to fit the pupil for a rational and ready comprehension of the technical nomenclature to be met with in all the arts and sciences. French is begun in the Commercial and Mechanical Courses. The physical training given by Gymnastics in the Classical and Literary Courses is represented in the Mathematical, Natural Science and Commercial Courses by Manual Training in iron working. In the Mechanical Course, additional time is given to Manual Training, which here claims three lessons of three hours each per week.

The High School proposes to give a solid practical education, which shall be exact and thorough, as far as it goes, and will fit the pupil for a further College Course, or for an entry on the apprenticeship of a practical career.

The student who receives a diploma in the High School will have had thorough training in drawing and handworking, in the usual English studies, including Mathematics through Plane Geometry and Algebra, and in a partial course of one or more ancient or modern languages, with some other special requirements named in schedule.

Recitations begin at 9 A. M. and the exercises continue until 4 P. M. with one hour's recess. There are, therefore, six hours of school exercise each day, except Saturday, on which there are only three hours. The shortness of the session, the frequency of holiday interruptions in this City, and other sufficient causes, make this Saturday work desirable and necessary. The whole time of school exercises is not, however, devoted to recitations. In the Preparatory Classes only sixteen hours, out of thirty-four, are thus employed, while nine are given to physical training.

TULANE COLLEGE.

Tulane College offers to students six parallel and equivalent Courses to be pursued for four years. In the grouping and succession of studies in these Courses, while the opportunity is afforded to obtain such sufficient information in all the great realms of human knowledge which should be considered requisite to a liberal education, still greater regard is had to that rigorous training of the faculties which develops intellectual energy and moral power. It is intended that the degree of Bachelor of Arts, which crowns each of these six Courses, shall be an honest testimonial to solid acquirements.

In the Freshman Class, in all courses, English, French and Mathematics are taught. The Latin of the classical and literary courses, is represented in the Mathematical, Natural Science, and Mechanical courses by work in the Biological Laboratory, and in the commercial course by Spanish, and Political and Commercial Geography. For Greek in the classical course, and German in the Literary course, Drawing is substituted in the other courses, except in the Commercial, when Short Hand and Type writing is required as an equivalent.

All the courses have English, Physics and French in Sophomore year; Mental Science and Chemistry in the Junior year; and Mental Science, Political Science and English Literature in the Senior year; and all except the Literary course have German in Junior and Senior years. In that course it is begun earlier and finished in Sophomore year.

In all the courses, English, German and French, Mathematics, Physics, Chemistry, Biology, Mental Science, Political Science and English Literature are requisites.

The difference in the courses is somewhat in the sequence of the subjects, largely in the amount of the particular branches pursued, and to a certain extent, in the substitution of studies, equivalent in amount, and as nearly so as possible in intrinsic and disciplinary value to the student.

CLASSICAL COURSE.

In the Classical Course, an attempt is made to preserve the foothold of the ancient languages, Latin and Greek, and to afford to the student willing to submit to their invaluable and unsurpassed mental discipline the opportunity to obtain a solid classical education. Mathematics, including Analytical and Descriptive Geometry, is finished in the Freshman year.

LITERARY COURSE.

The Literary Course differs from the Classical by the omission of Greek, and the substitution of Spanish, and Geology and Astronomy, and of fuller courses of Latin and French.

MATHEMATICAL COURSE.

In this course Latin and Greek are omitted. Two years of Latin and one year of Science Etymology in the High School being intended as the linguistic basis of this course in the ancient languages. For the ancient languages a very full course of Mathematics, Mathematical Physics, and Laboratory work is substituted.

NATURAL SCIENCE COURSE.

The Natural Science Course differs from the Mathematical by the substitution in the Junior and Senior years of Chemical and Biological work in the Laboratory in place of Physics and applied Mathematics.

This course is well adapted for students intending to study medicine or pharmacy.

COMMERCIAL COURSE.

The need has long been felt in commercial circles throughout the United States for a more liberal education, under higher auspices, of young men intending to pursue a commercial career. The instruction given is too often inadequate in amount, superficial in character, and ill adapted to the development of intellectual and moral power. An effort is made in this course to supply a want.

The linguistic training embraces French, German and Spanish; and French is taught not only colloquially, under the most favorable conditions, but in its higher literary and philological aspects. Mathematics is carried through Analytical and Descriptive Geometry. The English, literary

and Philosophical studies and the Natural Sciences are taught as fully as in the Classical Course. To these are added larger studies in Political Economy and Commercial Law, and in Political and Commercial Geography, and in Geology and Astronomy. The practical Book-Keeping of the High School is supplemented by full courses and practice in Type Writing and Short Hand and Telegraphy, and in Life and Fire Insurance and Bank and Railroad accounts. The effort will be made to combine culture with practical business attainments.

MECHANICAL COURSE.

In the Mechanical Course a similar attempt is made to combine culture with practical mechanical training. When the student enters the College, after three years in the High School, his hand training in wood and iron is followed by machine work in metals, and by mechanical constructions. This lasts through two years. His drawing is also carried forward into the higher branches of the art.

This Course is closely analogous to the Mathematical Course, except that French is carried further, and in a general way applied Mathematics and Practical Mechanics are substituted for Mathematical Physics and Physical research. The hope is entertained that our graduates in this course will not prove inferior to the best students of similar standing elsewhere.



TULANE HALL.

TULANE COLLEGE.

Class.	Classical Course.	Hours per Week.	Literary Course.	Hours per Week.	Mathemat'l Course.	Hours per Week.	Natural Science Course.	Hours per Week.	Commercial Course.	Hours per Week.	Mechanical Course.	Hours per Week.
SENIOR.	Mental Science.....	2	Mental Science.....	2	Mental Science.....	2	Mental Science.....	2	Mental Science.....	2	Mental Science.....	2
	Political Science.....	3	Political Science.....	3	Political Science.....	3	Political Science.....	3	Political Science.....	3	Political Science.....	3
	English Literature.....	3	English Literature.....	3	English Literature.....	3	English Literature.....	3	English Literature.....	3	English Literature.....	3
	German.....	3	German.....	3	German.....	3	German.....	3	German.....	3	German.....	3
	Anglo-Saxon.....	3	Anglo-Saxon.....	3	Mathematical Physics.....	3	Biological Laboratory.....	3	Commercial Law.....	3	Materials of Const'n.....	3
JUNIOR.	Biology.....	3	Biology.....	3	Physical Laboratory.....	3	Chemical Laboratory.....	3	Biological Laboratory.....	3	Electrical Engin'g.....	3
	Greek.....	3	Spanish.....	3	Chemical Laboratory.....	4	Chemical Laboratory.....	6	Political Economy.....	3	Mechanics.....	8
	Latin.....	2	Physiology & Hygiene.....	1	Physiology & Hygiene.....	1	Physiology & Hygiene.....	1	Physiology & Hygiene.....	1	Physiology & Hygiene.....	1
	Physiology & Hygiene.....	1	Physiology & Hygiene.....	1	Physiology & Hygiene.....	1	Physiology & Hygiene.....	1	Physiology & Hygiene.....	1	Physiology & Hygiene.....	1
	Physiology & Hygiene.....	1	Physiology & Hygiene.....	1	Physiology & Hygiene.....	1	Physiology & Hygiene.....	1	Physiology & Hygiene.....	1	Physiology & Hygiene.....	1
SOPHOMORE.	Mental Science.....	3	Mental Science.....	3	Mental Science.....	3	Mental Science.....	3	Mental Science.....	3	Mental Science.....	3
	Chemistry.....	4	Chemistry.....	4	Chemistry.....	4	Chemistry.....	4	Chemistry.....	4	Chemistry.....	4
	Latin.....	4	Latin.....	4	Analytical Mechanics.....	3	Chemical Laboratory.....	4	Commercial Law.....	3	Analytical Mechanics.....	3
	German.....	4	French.....	3	German.....	4	German.....	4	German.....	4	German.....	4
	Greek.....	4	Spanish.....	3	Physical Laboratory.....	6	Physical Laboratory.....	4	Telegraphy.....	3	Practical Mechanics.....	6
FRESHMAN.	English.....	1	Geology.....	2	Geology.....	2	Geology.....	2	Geology.....	2	Architecture.....	2
	Physiology & Hygiene.....	1	Astronomy.....	2	Astronomy.....	2	Astronomy.....	2	Astronomy.....	2	Geology.....	2
	Physiology & Hygiene.....	1	English.....	1	Physiology & Hygiene.....	1	Physiology & Hygiene.....	1	Physiology & Hygiene.....	1	Astronomy.....	2
	Physiology & Hygiene.....	1	Physiology & Hygiene.....	1	Physiology & Hygiene.....	1	Physiology & Hygiene.....	1	Physiology & Hygiene.....	1	Physiology & Hygiene.....	1
	Physiology & Hygiene.....	1	Physiology & Hygiene.....	1	Physiology & Hygiene.....	1	Physiology & Hygiene.....	1	Physiology & Hygiene.....	1	Physiology & Hygiene.....	1
FRESHMAN.	English.....	3	English.....	3	English.....	3	English.....	3	English.....	3	English.....	3
	Physics.....	5	Physics.....	5	Physics.....	5	Physics.....	5	Physics.....	5	Physics.....	5
	French.....	5	French.....	5	French.....	5	French.....	5	French.....	5	French.....	5
	Latin.....	3	Latin.....	3	Mathematics.....	5	Mathematics.....	5	Life and Fire Ins.....	3	Mathematics.....	5
	Greek.....	4	German.....	4	Physical Experm't'n.....	2	Physical Experm't'n.....	2	Banks & R. R. Acc'ts.....	3	Physical Experm't'n.....	2
FRESHMAN.	English.....	3	English.....	3	English.....	3	English.....	3	Spanish.....	3	Manual Training.....	6
	Mathematics.....	3	Mathematics.....	3	Mathematics.....	3	Mathematics.....	3	Type Writing, Short Hand, Telegraphy.....	3	Manual Training.....	6
	French.....	3	French.....	3	French.....	3	French.....	3	English.....	3	English.....	3
	Latin.....	3	Latin.....	3	Mathematics.....	5	Mathematics.....	5	Mathematics.....	5	Mathematics.....	5
	Greek.....	5	German.....	5	Biological Laboratory.....	6	Biological Laboratory.....	6	French.....	3	Biological Laboratory.....	6
FRESHMAN.	English.....	3	English.....	3	English.....	3	English.....	3	Geography.....	3	Drawing.....	6
	Mathematics.....	3	Mathematics.....	3	Mathematics.....	3	Mathematics.....	3	Spanish.....	3	Manual Training.....	6
	French.....	3	French.....	3	Mathematics.....	3	Mathematics.....	3	Type Writing and Short Hand.....	3	Manual Training.....	6
	Latin.....	3	Latin.....	3	Biological Laboratory.....	6	Biological Laboratory.....	6	English.....	3	English.....	3
	Greek.....	5	German.....	5	Drawing.....	6	Drawing.....	6	Mathematics.....	5	Mathematics.....	5

TULANE HIGH SCHOOL.

ANNUAL CATALOGUE, 1884-85,

Class.	Classical Course.	Hours per Week.	Literary Course.	Hours per Week.	Mathematical Course.	Hours per Week.	Natural Science Course.	Hours per Week.	Commercial Course.	Hours per Week.	Mechanical Course.	Hours per Week.
SUB-FRESHMAN.	English.....	5	English.....	5	English.....	5	English.....	5	English.....	5	English.....	5
	Mathematics.....	5	Mathematics.....	5	Mathematics.....	5	Mathematics.....	5	Mathematics.....	5	Mathematics.....	5
	Latin.....	5	Latin.....	5	Latin.....	5	Latin.....	5	Bookkeeping & Acc'ts.....	3	Bookkeeping & Acc'ts.....	3
	Greek.....	5	German.....	5	Science Etymology.....	3	Science Etymology.....	3	Physical Science.....	4	Physical Science.....	4
1 ST TERM.	Physical Science.....	4	Physical Science.....	4	Physical Science.....	4	Physical Science.....	4	Drawing.....	4	Drawing.....	4
	Drawing.....	4	Drawing.....	4	Drawing.....	4	Drawing.....	4	Manual Training.....	6	Manual Training.....	6
	Gymnastics.....	3	Gymnastics.....	3	Manual Training.....	6	Manual Training.....	6	French.....	5	French.....	5
2 ND TERM.	English.....	5	English.....	5	English.....	5	English.....	5	English.....	5	English.....	5
	Mathematics.....	5	Mathematics.....	5	Mathematics.....	5	Mathematics.....	5	Mathematics.....	5	Mathematics.....	5
	Physiology & Hygiene.....	1	Physiology & Hygiene.....	1	Physiology & Hygiene.....	1	Physiology & Hygiene.....	1	Physiology & Hygiene.....	1	Physiology & Hygiene.....	1
	Latin.....	6	Latin.....	6	Latin.....	6	Latin.....	6	Com'l Arith. & Book'g.....	3	Com'l Arith. & Book'g.....	3
3 RD TERM.	Drawing.....	5	Drawing.....	5	Drawing.....	5	Drawing.....	5	Drawing.....	5	Drawing.....	5
	Penmanship.....	3	Penmanship.....	3	Penmanship.....	3	Penmanship.....	3	Penmanship.....	3	Penmanship.....	3
	Manual Training.....	6	Manual Training.....	6	Manual Training.....	6	Manual Training.....	6	Manual Training.....	6	Manual Training.....	6
	Gymnastics.....	3	Gymnastics.....	3	Gymnastics.....	3	Gymnastics.....	3	French.....	3	French.....	3
PREPARATORY.	English.....	5	English.....	5	English.....	5	English.....	5	English.....	5	English.....	5
	Mathematics.....	5	Mathematics.....	5	Mathematics.....	5	Mathematics.....	5	Mathematics.....	5	Mathematics.....	5
	Natural Science.....	3	Natural Science.....	3	Natural Science.....	3	Natural Science.....	3	Natural Science.....	3	Natural Science.....	3
	Geography.....	2	Geography.....	2	Geography.....	2	Geography.....	2	Geography.....	2	Geography.....	2
4 TH TERM.	Physiology & Hygiene.....	1	Physiology & Hygiene.....	1	Physiology & Hygiene.....	1	Physiology & Hygiene.....	1	Physiology & Hygiene.....	1	Physiology & Hygiene.....	1
	Drawing.....	5	Drawing.....	5	Drawing.....	5	Drawing.....	5	Drawing.....	5	Drawing.....	5
	Penmanship.....	3	Penmanship.....	3	Penmanship.....	3	Penmanship.....	3	Penmanship.....	3	Penmanship.....	3
	Manual Training.....	6	Manual Training.....	6	Manual Training.....	6	Manual Training.....	6	Manual Training.....	6	Manual Training.....	6
5 TH TERM.	Gymnastics.....	3	Gymnastics.....	3	Gymnastics.....	3	Gymnastics.....	3	Gymnastics.....	3	Gymnastics.....	3

DETAILED STATEMENT OF WORK IN THE SEVERAL COURSES.

HISTORY AND POLITICAL SCIENCE.

Greek, Roman, English, French, German and Spanish History is taught, by the Professors of these languages. The Philosophy of History and Political Science are taught to University students and Senior undergraduates in a course of lectures.

ENGLISH IN THE HIGH SCHOOL.

In the first year, the teaching of English is partly grammatical, partly literary. The traditions and the cast iron rules of the old grammars are disregarded; but sufficient knowledge of the parts of speech is acquired to lead up to the analysis of sentences. The student is brought face to face with the language, and finds in the printed pages of extracts from the best authors the illustration of syntactical principles.

Original compositions are not required at this stage of study; he is trained in spelling, punctuation, and other conventional rules. The use of correct English is taught orally and by dictation exercises, and the student is constantly required to change simple sentences into compound and complex.

An effort is made to inculcate a fondness for reading, and books suited to the student's capacity are recommended by the professor. Care is taken, however, to make reading not a task but an agreeable habit that will continue to be a source of pleasure during life.

In the Intermediate Class, the same plan is pursued with reference to reading and writing. The analysis of sentences is thoroughly taught, and the pupil is made familiar with many of the idioms of our language, a necessary step to the acquisition of other languages.

To train the memory, students are required to learn by heart selections from the best authors, and to train the voice, declamation is encouraged. The books recommended for reading are more advanced than those of the preparatory year, and are suited to the gradual development of the student's faculties.

A short history of the United States and a short history of England are read with the class during these two years.

In the Sub-Freshman Class, direct preparation for the College is begun. The history of the English Language is taught, and the student learns the value of the various elements composing our language. taught the simpler rules of Rhetoric, and he is called upon to do original work in English composition.

ENGLISH IN THE COLLEGE.

The scientific study of English, stimulating, as it does, original thought, and providing a greater power of comprehension and expression of thought, offers the best, almost the necessary introduction and accompaniment to the work in the other branches of collegiate education. But apart from this, the careful and extended study of English as an end in itself, is of the greatest advantage to the student, whatever may be his aim in life. In practical value our own tongue must, of course, outweigh all others, modern or ancient; and, as a means of mental training the study of English is perhaps inferior to no other process. Certainly wherever English is spoken, the study of English should occupy a leading place. This branch has, then, been placed in each of the courses.

The Senior year is devoted to the study of Anglo-Saxon, a necessary part of a complete knowledge of the English Language and Literature.

Four lines of study are combined in the treatment of the subject: the Analytical, the Philological, the Rhetorical and the Literary and Historical. In the first are taught, by logical analysis, the forms and relations of sentences and paragraphs; in the second, the origin and history of idioms and of words and their inflexions; in the third Rhetoric in its logical and psychological relations, and as applied to the laws of literary criticism and the practice of accurate writing; in the fourth, the history of the people and of the literature, with critical, philological, and explanatory notes.

Much attention is given to the weekly written exercises. They are carefully graded to suit the capacity of the students, beginning with the reproduction of extracts from good English literature read to the class by the professor; this is followed by original exercises on familiar subjects assigned them. Here, at first, judicious aid is given by the professor in the analysis and treatment of the proposition. The subjects increase by degrees in difficulty, and the help given decreases. The end kept constantly in view is that the student may acquire the habit of writing with exactness and method, and with independence of thought.

The text books are:

FRESHMAN CLASS—Morris's Historical Grammar; Shaw's History of English Literature; A. S. Hill's Rhetoric.

SOPHOMORE CLASS—Bain's Composition Grammar; Green's Shorter History of the English People; Bain's Rhetoric (2d Half).

JUNIOR CLASS—Peile's Philology.

SENIOR CLASS—Cook's Sievers' Anglo-Saxon Grammar; Sweet's Anglo-Saxon Reader; Selections from the Anglo-Saxon Literature; Harrison & Baskerville's Anglo-Saxon Dictionary; I. Skeat's Etymological Dictionary.

GERMAN COURSE.

Conversation forms an essential feature of the course, in all the classes, and every effort is bent towards giving the student the ability to *spea*k the language fluently and well. There are three classes in this course, as follows:

a. LITERARY COURSE.

FIRST YEAR—150 pages of Eysenbach's Grammar; Narrative Prose, Conversation.
 SECOND YEAR--Finish Eysenbach's Grammar; Selections from Whitney's Reader;
 German Conversation; Lectures on the History and Geography of the German Empire. Nothing but German will be spoken in this class.
 THIRD YEAR--Whitney's Grammar; History of German Literature in Lectures on and Selections from the principal authors of the different periods; Schiller's "Tell," Lessing's "Minna von Barnhelm," Goethe's "Hermann und Dorothea;" "Faust."
 Dictionary: Whitney's.

b. CLASSICAL COURSE.

FIRST YEAR—Whitney's Grammar; Whitney's Reader; Sime's History of Germany.
 SECOND YEAR--Whitney's Grammar; Gostwick & Harrison's History of German Literature, Schiller's "Tell," Lessing's "Minna von Barnhelm;" Goethe's "Hermann und Dorothea."

The selections read in the Senior classes of both courses will be changed from year to year.

FRENCH.

In a city like New Orleans where so many persons speak French and where we meet at every step with the souvenirs of the early colonists, the French language must be taught, as far as possible, like a mother tongue. French is not a foreign language in Louisiana and the way of teaching it must vary from that of the other colleges in the United States. The course must be theoretical and scientific, but above all literary and practical. Our graduates must know thoroughly the geography, history and literature of France and must be able to speak the language to those whom they meet in their daily pursuits and many of whom, in the country parishes, speak very little English.

In the High School, French begins in the second year of the Commercial and Mechanical courses and continues two years in the college, giving to the pupils an instruction about equal to that of the students in the Literary Course who, being more mature, can accomplish in three years what the younger students of the High School do in four years.

By referring to the Literary Course the method of instruction can be readily understood.

In the Freshman year the pupil learns the grammar of the language, has his ear accustomed to the French sounds and can read perfectly any light work such as a tale or a comedy. He is then prepared for the Sophomore class in which, in his French studies, he abandons completely all books written in English and studies the latest works used in the schools in France, such as Larive et Fleury's Grammar and Zevort's excellent history of France. The reading consists of modern dramas and tales, and at the end of the year one or two classical tragedies are introduced to prepare the student for the literary course of the third year or Junior class. In the Sophomore class five hours a week are devoted to French

so that the students, who have heard nothing spoken in class but French for eight months, have learned how to speak the language and how to write it.

In the Classical, Natural Science, and Mathematical courses the instruction in French ceases in the second or Sophomore year. In the Literary, Mechanical and Commercial courses the instruction extends a year longer and is then entirely scientific and literary. Brachet's historical grammar is taught and the professor lectures on French literature, defining clearly to the students the different epochs in literature, such as Old French, Middle French and Modern French.

For candidates for the degree of Master of Arts a class in French will be established for a critical study of the oldest texts in Old French and in Provençal and with lectures on comparative philology of Romance languages.

Students from the country and neighboring States may obtain board in French families where French is correctly spoken, and the Faculty will aid them in making such arrangements.

HIGH SCHOOL.

INTERMEDIATE CLASS.—Keetels' Elementary French Grammar; Keetels' Analytical French Reader; Conversation.

Three exercises and three recitations a week.

SUB-FRESHMAN CLASS.—Keetels' Analytical and Practical French Grammar; Larive et Fleury; (Première année de Grammaire); Keetels' Analytical French Reader, Second Part.

Two exercises and three recitations a week.

COLLEGE.

FRESHMAN CLASS.—Keetels' Analytical and Practical French Grammar; Keetels' Analytical French Reader; Bôcher's "College French Plays"; Conversation.

Three exercises and three recitations a week.

SOPHOMORE CLASS.—Larive et Fleury (Deuxième année de Grammaire); Joynes' Otto's French exercises; Histoire de France de Zevort, (Cours moyen); Bôcher's "College French Plays"; Corneille (le Cid).

Three exercises and five lectures a week.

JUNIOR CLASS.—Grammaire complète de Larousse; Nouvelle Grammaire Historique de Brachet; Littérature Classique et Contemporaine de Pylodet; Lectures on the Authors of the Middle Ages and of the XVI Century; Racine (Athalie); Molière (Tartuffe, l'Avare); Boileau (L'Art Poétique, le Lutrin); Voltaire (Mérope, la Henriade); Selections from the prose Authors of the XVII and XVIII centuries.

One original exercise and four lectures a week.

DICTIONARIES.—Spiers and Surenes, or Masson's.

Nothing but French is spoken in the Sophomore and Junior classes.

SPANISH.

Spanish is taught like the other modern languages by a competent Professor. Students from Mexico and other Spanish American countries will find in New Orleans congenial names among educated compatriots.

LATIN.

The course of study in Latin will embrace Grammar, History of the people and of the Literature, Mythology, Antiquities and Metres. The best authors will be read in quantity sufficient to give facility in translating. Great stress will be laid upon the writing of Latin. The exercises will, at first be taken from a good text-book, but in the advanced classes they will be original.

Latin is taught in the Classical, and the literary Courses.

The text-books are:

HIGH SCHOOL.

INTERMEDIATE CLASS: Gildersleeve's Latin Primer.

SUB-FRESHMAN CLASS: Gildersleeve's Reader, Grammar and Exercise Book; Cæsar, Creighton's History of Rome.

COLLEGE.

FRESHMAN CLASS: Gildersleeve's Grammar; Ovid; Virgil; Keightley's Mythology; Ancient Geography.

SOPHOMORE CLASS: Gildersleeve's Grammar; Leighton's History of Rome; Cicero's Orations and Philosophical Writings.

JUNIOR CLASS: Gildersleeve's Grammar; Wilkin's Antiquities; Livy; Horace.

SENIOR CLASS: Quintilian; Justinian.

GREEK.

The study of the forms and syntax will be thorough, and will be continued until they are well mastered. The history of the people and of the literature, the mythology, and the antiquities will be studied with the best available helps. The course of reading will be comprehensive and the method used is intended to give as great a facility as possible in translating readily into English, and in making the student at the same time familiar with the beauty and strength of the language, and with the wisdom and power of the ancient masterpieces. It is designed, by the study of word formation, and by the constant comparison of the various processes of Greek Grammar and Greek Rhetoric with the corresponding processes in other languages, and by the cultivation of the practice of translating into the nearest equivalent of strong, correct, idiomatic English, to give to the study of Greek a usefulness even beyond its apparent limit.

This language is studied only in the Classical course.

Text-books:**HIGH SCHOOL.**

SUB-FRESHMAN CLASS: Goodwin's Grammar; Boise's First Lessons, Xenophon (two books); Fyffe's History of Greece.

COLLEGE.

FRESHMAN CLASS: Goodwin's Grammar; Jones's Exercises in Greek Prose Composition; Xenophon (two books); Lysias; Herodotus. Smith's History; Kiepert's Classical Atlas (6th Berlin Edition).

SOPHOMORE CLASS: Goodwin's Moods and Tenses; Boise's Exercises in Greek Syntax; Smith's History (completed); Homer; Demosthenes: Reading at sight (Kendrick); Autenrieth's Homeric Dictionary; Liddell & Scott's Lexicon (seventh edition.)

JUNIOR CLASS: Jebb's Greek Literature; Mahaffy's Old Greek Life; Schmidt's Rhythmic and Metric; Thucydides; Euripides; Sophocles; Reading at sight; Original Exercises.

SENIOR CLASS: Aristophanes; Aristotle's Rhetoric; Murray's Mythology.

PHYSICS.

The instruction in Physics begins in the High School, where four hours a week for a half year are given to this science in the Sub-Freshman class in all the courses. The subject is here presented from a general point of view, the object being principally to teach the student how to observe and what, among his everyday surroundings, presents the more ordinary phenomena of the physical world. He is also shown how the simple physical laws may be reached from a consideration of his own observations. The method is largely inductive, and the student is required to perform a large number of experiments for himself, and is encouraged to extend this number as much as possible. The ground covered is substantially that of Gage's Elements of Physics.

The subject is resumed in the Sophomore year, five hours a week being given to it by the students in all the courses. Those pursuing the Mathematical, Natural Science and Mechanical courses take in addition two hours a week of laboratory work of a simple character. The class room instruction consists of fully illustrated experimental lectures, recitations on the lecture notes and on the text, and the solution of numerous practical problems. A full presentation is given of the applications of physical principles that are now so important in the arts. The steam engine, the telegraph, the telephone, the electric light, the theory and use of the sugar polariscope, all receive due attention. The ground covered is substantially that of Atkinson's Ganot's Physics, so much previous knowledge of the subject being assumed as would be given by the High School course. The apparatus at command for the illustration of this course is very full and perfect. Every needed appliance is at hand for the projection of diagrams, pictures, experiments, microscopic objects, etc., either by sunlight or by the lantern, and extensive use is made of

this very satisfactory method of class demonstration. The students are very thoroughly drilled on the application of the simpler mathematics to the solution of physical problems. The laboratory work pursued by those members of this class that intend to prosecute their scientific studies further, is, to some extent, a repetition by the students of experiments previously performed in the lecture room, but includes also the determination of simpler physical constants such as densities, specific heats, vibration numbers, refractive indices, electrical resistances, etc. The lecture room course as above given is all that is required in this subject from students in the Classical, Literary and Commercial courses.

In the Junior year the students in the Mathematical and Mechanical courses have a lecture room course three times a week throughout the year in Analytical Mechanics and the Mechanical Theory of Heat. Those in the Mathematical course have six hours a week of laboratory work, and those in the Natural Science course have four hours a week of laboratory work. The laboratory work for the Mathematical students (who continue this work in the Senior year) consists mainly of the practical study of the subjects whose theory has been studied in the lecture room. This implies the exact study of fundamental units, comparison of units, precise weighings, determinations of density, the establishment of the laws of elasticity, capillarity, attractions, and radiant heat, barometric readings and reductions, standardizing and calibration of thermometers, determinations of specific and latent heat, vapor densities, expansions, etc. The laboratory work for the Natural Science students is the same in kind as the above but is not so exhaustive and includes in addition some work in optics, acoustics, electricity, and magnetism. The work of the Mathematical class is substantially that given in the first part of Kohlrausch's Physical Measurements, or the first volume of Stewart and Gee's Laboratory Physics, while the work of the Natural Science class is substantially that given in Glazebrook and Shaw's Practical Physics.

In the Senior year, the Mathematical students have a lecture room course three times a week throughout the year in the Mathematical theory of light and of electricity and magnetism. They also have laboratory practice for six hours a week in optical, electrical and magnetic measurements, following the lecture room course as in the Junior year. They determine refractive indices, angles of crystals, wave lengths, focal lengths and radii of curvature of lenses and mirrors, and establish the laws of the interference and diffraction of light. They study spectrum analysis and map prismatic and diffraction spectra, learn the use of the microscope, and study with some degree of thoroughness the subject of polarized light. In electricity and magnetism they determine galvanometer constants, measure resistances of conductors and batteries, electromotive forces and potentials, capacities, insulation resistances, magnetic declination and intensity. This work is substantially that of the second half of Kohlrausch

or of Stewart and Gee. In this year also the Mechanical students have a practical course in Electrical Engineering with especial reference to the construction, testing and maintenance of telegraphic, telephonic and electric lighting systems.

PHYSICAL APPARATUS.

A practical physical laboratory being somewhat of a novelty in the South, some account of the apparatus at hand for carrying on the work of such a laboratory may be of interest. The following account is taken from an article recently published by the professor of Physics:

For our purposes we will find it convenient to classify the instruments as follows:

1. Instruments for the fundamental measures of lengths of masses, and of times, and the magnitudes immediately derived from these.
2. Instruments for the study of Heat.
3. Instruments for the study of Sound.
4. Instruments for the study of Light.
5. Instruments for the study of Electricity and Magnetism.

All physical constants can be expressed in terms of the fundamental units of length, mass and time, and when we have given these three fundamental units, we pass without difficulty to the corresponding derived units. Physicists have found it convenient to adopt as fundamental units the following;—of length, the centimeter; of mass, the gramme; of time, the second. The system of units derived from these is spoken of as the centimeter—gramme—second—or, as it is often written, the C. G. S.—system. All of our instruments are intended to measure in accordance with this system.

Our standard of length is a brass bar, one meter long, divided on silver into millimeters, and the error and expansion co-efficient of which are very accurately known. This bar is intended to serve only for the purposes of comparison and verification of the graduation of other instruments used in the laboratory, and hence is only occasionally made use of. It was made by the Société Genevoise pour la construction d'instruments de physique, at Geneva. In using it for purposes of comparison, we place it on a comparator by the same makers, which consists of a strong cast iron bed on which slide uprights carrying two microscopes with micrometric eye-pieces, and provided with suitable appliances for rapidly bringing the standard or bar to be compared under the microscopes, by which means an error of one one-thousandth millimeter can be detected and estimated. For ordinary purposes, however, lengths do not require to be determined with such minute accuracy and for such purposes the dividing engine, or glass or metallic scales made by it, can be used. Our engine is also by the Société Genevoise and can divide into thousandths

of a millimeter when skillfully used. By its means we are enabled to make such scales as we need in our work with all necessary accuracy, and the errors of scales so made can of course be determined by comparison with the standard meter.

For the measurement of vertical heights we have a very fine cathetometer by the Société Genevoise, that measures something over a meter in length and is provided with filar micrometer eye-piece enabling us to determine differences of vertical height to within one one-thousandth millimeter. The graduation of this instrument has been studied by Prof. W. A. Rogers, of Harvard University, who reports that it is one of the most accurate instruments of its class that he has ever examined. The cathetometer and dividing engine are both exceedingly useful instruments and meet with use in almost every division of the subject. For small lengths, besides small glass and other scales we have a Brown and Sharp micrometer caliper, reading to one-fortieth millimeter, and a spherometer by J. Duboscq, Paris, reading to one one-thousandth of a millimeter. For the measurement of thicknesses up to three or four centimeters these are exceedingly useful and give us all that we require. The spherometer, of course, as its name indicates, is also used in determining the radius of curvature of spherical surfaces, as of lenses. For the derived units of volume, we have numerous vessels divided into cubic centimeters and multiples and submultiples of the same.

For the measurement of masses, we have at present five balances; one for ordinary weighing, three by Becker, New York, one sensitive to one-tenth milligramme and carrying a load of one kilogramme in each pan, and two sensitive to one-twentieth milligramme and carrying a load of one hundred grammes in each pan, and a lecture balance by A. Ruprecht, of Vienna, sensitive to one milligramme, carrying a load of five kilogrammes, and arranged so that its deflection will be plainly visible to a large audience. This balance can also be used for laboratory work not requiring great accuracy. Closely connected with measures of masses are, of course, measures of density and specific gravity. Besides the balances above named, we have a Jolly spring balance and apparatus for the determination of specific gravities by almost every known method—bottles, hydrometers, etc. Here also should perhaps be mentioned barometers, two aneroid and one standard mercurial, reading to one-tenth millimeter, by Green, of New York.

For the measurement of small intervals of time, use is made of a tuning fork chronograph, by Th. & A. Duboscq, Paris, the motion of whose forks is kept up by electro-magnets, and by means of which, intervals of one five-thousandth second can be measured. This instrument is capable of many applications, as for example, the investigation of the laws of falling bodies, of the number of vibrations per second of tuning forks and of vibrating rods, plates and membranes. This chronograph

is accompanied by a second's pendulum kept in motion by clock work and arranged to close a circuit and send a current to mark off seconds.

Among the instruments for the study of Heat, in addition to the apparatus adapted to show the phenomena of heat in a general way, such as reflecting mirrors, steam engines, thermopiles, radiometers, etc., there are a number of fine thermometers, apparatus for determination of specific and "latent" heats, apparatus for determining the freezing and boiling points of thermometers, and a very complete set of Melloni's apparatus for the study of radiant heat, by Carpentier, Paris. This splendid collection embraces all the pieces necessary for the complete study of the laws of the reflection, refraction, absorption and polarization of heat. All the apparatus necessary for the study of co-efficients of expansion and boiling and fusing points is either already at hand or can be arranged from component parts we have on hand with comparatively little trouble.

For the study of sound, we have a number of standard tuning forks on their resonant boxes, a large number of organ pipes, of different sizes and kinds, with efficient bellows for blowing them; syren for determination of the number of vibrations by actual count; monochord for the study of the laws of vibrations of strings; Koenig's manometric flame apparatus; apparatus for the study and projection of Lissajous' curves; a very fine phonograph; and apparatus for the laws of vibrations of plates and membranes. Among this class of apparatus should perhaps again be mentioned the electric chronograph by Duboscq, which is especially valuable in determining the numbers of vibrations of tuning forks. The subject of Acoustics, however, is one that does not so readily lend itself to accurate measurement as do most other branches of physics and hence the laboratory work in acoustic measurements is necessarily somewhat restricted.

In optics, our collection is excellent. To approach the subject in a systematic way, I will consider first the apparatus for producing and manipulating the light with which observations are to be made. Besides two porte-lumières of good form, we have a large Silbermann heliostat, by Duboscq, Paris: an instrument running by clockwork by means of which we can reflect a beam of light in any direction and it will remain in the position in which it is placed in spite of the motion of the earth. For artificial light we have a fine lantern by Duboscq, with a most excellent vertical attachment, and provided with all necessary apparatus for the projection of lantern slides and experiments placed either horizontally or vertically. As sources of light we may use either the calcium light or the electric light. For the generation of the latter light we have a dynamo-electric machine by De Meritus, Paris, capable of giving two large arc lights. We propose to run this machine by an Otto gas engine as being most convenient for occasional use. In the way of lenses, we have three

large achromatic lenses for the projection of spectra, and a fourth made of quartz for the projection of the ultra-violet spectrum; a large lens for the study of spherical and chromatic aberrations, as well as numerous lenses for demonstrations and experiments not requiring an achromatic combination. Our best lenses are from Th. & A. Duboscq. In the matter of prisms, aside from the spectroscopes, we have several glass ones of different angles and best quality and conveniently mounted; two of quartz for the study of the ultra-violet spectrum; and one of rock salt for the study of the invisible heat radiation; one for the illustration of achromatism; a polyprism for the observation and comparison of prismatic media with different refractive indices, hollow prisms for liquids, conical prisms, etc. Most of those just mentioned are by Duboscq. For spectrum work we have a first rate two prism model spectroscope, by Browning, London, and a large spectrometer spectroscope, reading to ten seconds, by Th. & A. Duboscq, Paris. This latter instrument is provided with filar micrometer eye-piece and is very solidly constructed. It can be used either as a two prism spectroscope for mapping spectra either with reference to a photographed scale or to the graduations of the circle, or as a spectrometer for other optical work, such as determinations of wave lengths, refractive indices, etc. For the measurement of wave lengths with this instrument we have four gratings, three glass ones of fifty lines to the millimeter by Duboscq, and a large Rowland grating of speculum metal of over 14,000 lines to the inch. For general optical work we also have a smaller circle, the Babinet goniometer, by Duboscq, reading to one minute and very well adapted for student's use as a circle, a goniometer, a spectrometer, or a one prism spectroscope. For use with all of these instruments we have a fine lamp for the sodium light with spoon of platinum gauze and a spectrum outfit consisting of fine adjustable stand with all necessary solutions, tubes and metal points for study of spark spectra of metals, compounds and gases. For the production of the sparks we have three induction coils, the larger of which by Ritchie, Boston, gives a five inch spark. This coil can be run either by a crank turned by hand or a small motor, or by a Foucault interruptor. For the measurement of the angles of small crystals we have a Wollaston reflecting goniometer of the most approved form by Duboscq, and for fluorescence and phosphorescence we have a collection of specimens and one of Becquerel's phosphoroscope. For the study of the phenomena of interference we have several pieces for Newton's rings, mirror for interference by diffusion, Brewster's apparatus for thick plates and a complete diffraction bench by J. Duboscq, fitted with all the accessories necessary for the study of the laws of the interference and diffraction of light by openings and obstacles of every kind. The set includes the biprism and mirrors of Fresnel, the divided lens of Billet and a Fresnel micrometer eye-piece for the measurement of wave lengths. For the

study of polarized light our collection is especially complete, comprising not only a considerable number of pieces, but they are so selected that the subject is almost completely covered. In the way of minor apparatus we have several Nicol and double image prisms, with quite a good set of crystal sections, Fresnel's rhombs, tempered glass, selenite objects, annealed glass and presses for showing the development of double refraction by stress, and mirrors of black glass to serve as polarizers and as analyzers. We have two polariscopes of the Norremberg pattern, one of which by Duboscq, is very complete, being provided with a system of concentrating lenses and microscope for examining crystals in very convergent light, and with all necessary circles and apparatus for the measurement, either in air or in liquid, of the angle between the optic axes of biaxial crystals. An apparatus by Duboscq for the projection of the phenomena of polarized light enables us to show the phenomena with great readiness. We have apparatus for observing and studying the external and internal conical refraction so marvellously predicted by Hamilton from the mathematical theory, and plaster models of the wave surface to aid in the better understanding of the subject. For the study of rotatory polarization, in addition to one of the Duboscq Soleil saccharimeters or polariscopes, now of so much importance in sugar analysis, we are equipped with a very large polarimeter by Th. & A. Duboscq, provided with parts to convert it into a polariscope of Biot, of Mitscherlich, of Soleil, with either wedge compensation or rotation, a half shadow (*pénombre*), polariscope of the Laurent form, or in fact into almost any modification that one could imagine. This instrument is adapted for the study of the rotation in all substances, and the determination of their specific rotatory powers. It is provided with eight tubes of different lengths, direct vision prisms for the polarized spectrum, quartz plates of all colors, and quarter wave length plate for inversion. In this connection should perhaps be mentioned a good reading telescope and scale by Edelmann, Munich, a solar microscope and accessories, a microscope stand by McIntosh, with objectives by Wales, that can also be used as a solar, an astronomical telescope of four inches aperture on stand, and full outfit for wet and dry plate photography, as well as a rotator for showing depolarization by rapid rotation of the analyzer, and one of the large Rhumkorff-Faraday electro-magnets for the observation and measurement of the rotation of the plane of polarization by magnetism.

The subjects of electricity and magnetism have received special attention, not only on account of their intrinsic interest and importance, but also on account of the great practical value of an accurate knowledge of these subjects at this time. The general lecture apparatus is excellent and quite extensive, but space forbids even an enumeration. Restricting ourselves then to instruments for electric and magnetic measurements, galvanometers naturally claim our attention first. Of these instruments

we have twelve, adapted to a variety of uses as follows: A simple detector galvanometer with rough graduation; two low resistance astatic galvanometers of the Nobili type for thermo-currents, one of which is by Carpentier, Paris; a third with transparent scale for lantern projection, by Duboscq, Paris; two tangent galvanometers, one of the Hemholtz-Gauguin pattern by Elliott Bros., London; a lecture galvanometer that can also be used with a mirror, by Edelmann, Munich; one of Latimer Clark's differential galvanometers by Chester, of New York; two of Sir W. Thomson's mirror galvanometers, one of high and one of low resistance, by Elliott Bros.; and two by Ayrton & Perry, London, for the measurement of electric light currents. We have two electrometers of the quadrant form, one a lecture model for rough measurements and one of the Thomson-Mascart form by Carpentier, with water batteries, chloride of silver cells, reversing key, discharge keys and all necessary appliances for the class of work in which these instruments are used. Some of the accessories are by Carpentier and some by Elliott Bros. Of resistance boxes we have two; one running to 10,000 ohms by Chester, New York, and a large and fine box running to 10,000 ohms with extra coils for Wheatstone bridge by Elliott Bros. We have also a fine standard condenser by Elliott Bros., arranged so that by putting in of plugs, as with a rheostat, we can get any capacity from one one-thousandth micro-farad to one micro-farad. For the accurate determination of small resistances we have a fine Wheatstone bridge with platinum-iridium wire by Carpentier, Paris. Our large Faraday electro-magnet, mentioned in connection with polarized light, should also be mentioned here on account of its use in the study of weakly magnetic and of diamagnetic bodies, and of the phenomena of moving conductors in a strong magnetic field. This piece of apparatus is very complete and is capable of being employed in a large class of investigations. For terrestrial magnetism we have a circle of Delezenne and a Kew unifilar magnetometer by Elliott Bros. This splendid instrument is of the highest precision and gives us all we could desire for the accurate determination of the magnetic declination and horizontal force, while it will also be useful as a transit instrument, giving us the means of determining the true time and rating the timepieces in use in any of our work.

From the general statements given above, the reader can, I think, perceive that we are well equipped for a high order of laboratory work.

CHEMISTRY.

The instruction in Chemistry begins in the High School, when four hours a week for a half year are given to it in the Sub-Freshman class in all the courses. The subject is presented in a simple manner, the ground covered being substantially that of Shepard's Inorganic Chemistry.

Some simple experimenting is required of the student—enough to give reality to his knowledge—and the experimental demonstrations by the teacher are ample.

The subject is resumed in the Junior year where four hours a week are given to it by all the students. The whole subject of Inorganic and Organic Chemistry is here covered with as much completeness as the time will allow. The lectures are very fully illustrated by experiments, and problems on the cost of manufacture and the quantitative relations of products to the materials from which they are made form a radical feature of the course. Special attention is directed to the relations of chemistry to the industries of the country. The reduction of ores, the chemistry of photography by both the wet and dry plate processes, the processes of dyeing and bleaching, the manufacture of iron and steel, of porcelain and pottery, of explosives, of soaps, and of starch and glucose are all noticed incidentally. The chemistry of sugar-making receives special attention as well as that of foods and vegetation in general. The students of the Natural Science course have in addition to this class, four hours a week throughout the year of laboratory practice. They repeat in the laboratory a selected number of the lecture experiments, prepare a series of the salts of the metals and become familiar with the ordinary mechanical operations of the laboratory. They also gain some insight, during the year, into qualitative and blowpipe analysis.

In the Senior class the students of the Mathematical and of the Natural Science courses have respectively four and six hours a week of laboratory practice throughout the year. The Mathematical students pursue a course intended to give them an insight into chemical methods rather than to make of them expert chemists. They have some practice in Quantitative Analysis in addition to a brief course similar to that pursued by the Natural Science students in the Junior year. The Natural Science students complete the Subject of Qualitative Analysis, and pursue a course of Quantitative Gravimetric and Volumetric Analysis and have some practice in Organic analysis. Those who desire it may give some attention to sugar testing and analysis, by both polariscopic and chemical methods.

CHEMICAL APPARATUS.

The apparatus for chemistry, while not yet as complete as that for physics, is good and efficient for purposes of instruction. The temporary laboratory now in use will accommodate about twenty students working simultaneously. Besides a good outfit of lecture apparatus, there is a large collection of graduated vessels, burettes, endimeters &c., for analytical work, two fine balances by Becker Bros., of New York, a good collection of Scheibler's apparatus for analyses incidental to the study of sugar, combustion furnace and fixtures.

BIOLOGY.

Biology, including botany and zoology, is taught by lectures, topical readings, and laboratory exercises. As far as possible the living organisms are made the direct objects of study. Starting, according to the natural method, with objects within reach and easily examined, phanogamic botany is taken up first, attention being given to external forms and morphological relations. Systems of classifications are then studied with less reference to determining names than to giving a familiarity with natural affinities and a facility in locating species which will be referred to in subsequent investigations. In the next place the anatomical structure of organs and tissues is observed with the aid of the microscope and much time is devoted to the examination of the lower forms of life. Cryptogamic botany and invertebrate zoology prepare the way for the consideration of the progressive development,—rather than the blind evolution,—of organic beings. The various organic functions, assimilation, secretion, growth, reproduction, circulation, respiration, sensation, reflex action, and voluntary motion are taken up later on, after the pupils have received the necessary preparation by learning the principles of chemistry and physics.

In proportion to the extent and interest of the subject the time which can be devoted to it in any of the courses is necessarily much restricted and the aim must be not to instil a great amount of knowledge but to train the pupil's power of observation and to teach him how to use the various laboratory appliances and to study and investigate for himself.

The laboratory is furnished with a variety of microscopes and accessory apparatus and a very full biological library is at hand for reference. The very short duration of winter in lower Louisiana renders it possible to obtain material for study, at all times.

MANUAL TRAINING.

As Manual Training is found to be a valuable adjunct to intellectual cultivation a considerable amount of practice in wood working is required even in the Classical and Literary courses of the High School. In the scientific courses the manual instruction is carried farther and includes pattern making, foundry work, forging iron and steel, filing, and lathe work. The various hand tools are brought into use and the student has some practice with the simpler machine tools. The work proceeds step by step from the easier to more difficult operations and is calculated to impart a fair degree of skill and a general practical knowledge of tools, materials, methods, and principles rather than that nicety of execution which can be acquired only by long, time consuming practice within a limited range.

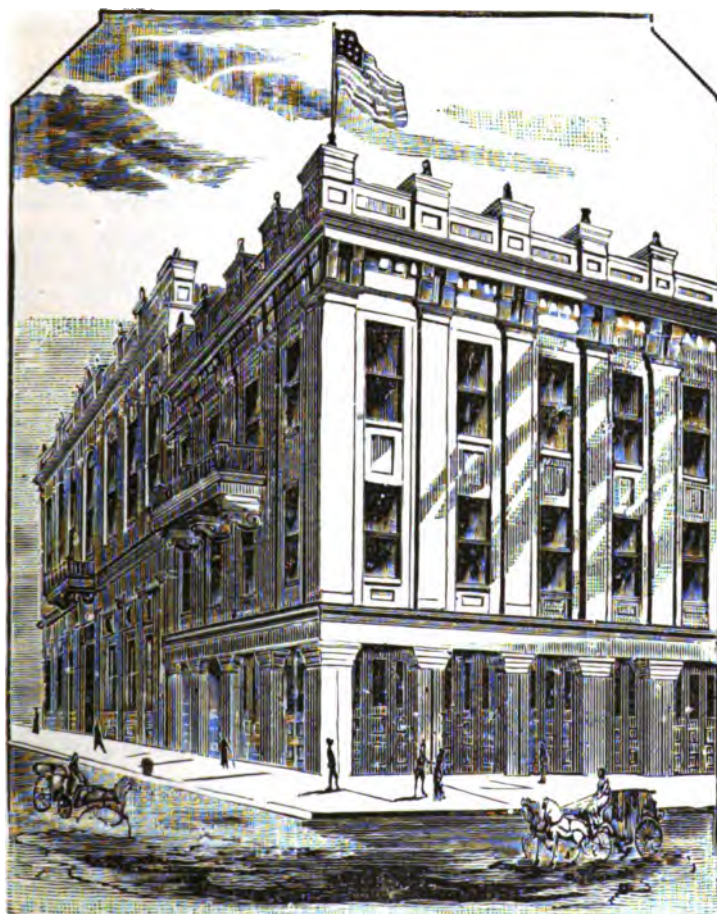
The exercises are selected with reference to healthy muscular development, and by a suitable alternation of shop work with class room studies the pupil is enabled to make more real progress in intellectual growth within the school years than can be gained by fatiguing devotion to study alone. The shop work manipulation constitutes an excellent preparation for subsequent laboratory practice of all kinds. Or, should the student be obliged to terminate his schooling with a high school course, the manual training will be of great advantage in fitting him for his life work whatever occupation he may engage in. Education in which the manual element has a share is particularly suitable for those who are to assist in developing the industrial resources of our country.

In the college Mechanical Course, the workshop practice is continued and made more thorough on a count of its practical advantages to those who are preparing for the engineering professions. And in connection with the hand work there are given courses of lectures on the philosophy of tools and the nature of woods, metals, stones, cements, paints, and other materials used in construction.

Drawing is considered as a language or mode of expressing ideas and as being therefore not less important than linguistic study, on account of its disciplinary as well as its direct practical value. All are taught more or less of free hand or mechanical drawing and design, according to the needs of the different courses, and in some cases the instruction includes modelling in clay. While the artistic side is not altogether neglected, attention is directed mainly to the industrial aspects of the subject. The exercises consist mostly in drawing directly from the objects, while the pupil is also instructed in the various auxiliary geometrical problems and the conventional devices which facilitate clear expression. The student is expected to observe constantly the relation of the object to the mode of its representation and to become self directing, without wasting time in copying the delineations of others. As the work advances the imagination is cultivated by the consideration of projections and shadows, and by drawing ideal sections, by sketching from memory and by making original designs.

In the examinations pupils are questioned on the principles of illustration and are expected to make time sketches or designs.

For the mechanical drawing each one must provide himself with a set of drawing instruments.



TULANE MANUAL TRAINING BUILDING.

CONDITIONS OF ADMISSION.

For admission to the Preparatory Class of the High School, pupils must be twelve years of age, of good moral character, and must be proficient in Reading, Writing, School Geography, and Arithmetic to percentage.

To enter, or be promoted to any advanced class in the Institution, students must have completed satisfactorily the studies of the lower classes, or a full equivalent for them.

Examinations for admission will be held on Thursday, October 15th, 1885, at 9 A. M. Owing to the introduction of new courses of study former students, will be graded by the President according to their attainments, on October 12th, 13th and 14th.

Before admission to any class in the Law Department, Tulane College, or Tulane High School, the student will be required to matriculate, and present his certificate of matriculation from the Secretary, Mr. Wm. O. Rogers, whose office is at Tulane Hall. The annual fee is \$50, the first quarter of which, \$12.50, must be paid before matriculation.

EXAMINATIONS.

Two examinations are held yearly. The intermediate examination begins Friday, February 12th, 1886. The final examinations begin Monday, June 7th. In order to ensure promotion to advanced standing students must pass both these examinations satisfactorily.

DEGREES AND DIPLOMAS.

HIGH SCHOOL.—Students satisfactorily completing any course in the High School will receive Diplomas as graduates of the High School.

COLLEGE.—Students satisfactorily completing any course in the College will receive the degree of Bachelor of Arts in that course, and students of extraordinary merit will have added to this, "with distinction."

UNIVERSITY.—Graduates of Tulane College and other accepted candidates who shall pursue an approved course of study for two years, pass a satisfactory examination and present a written thesis acceptable to the President and Faculty, will receive the degree of Master of Arts.

A further approved course of study in Tulane University, pursued under like conditions, and with such excellence and superior attainments as to warrant it, shall entitle the student to the degree of Doctor of Philosophy.

Students pursuing special courses will not be entitled to Diplomas or Degrees.

MEDALS.

GLENDY BURKE MEDALS.

More than twenty years ago, Mr. Glendy Burke, a well-known citizen of New Orleans, gave to the Academical Department five hundred dollars, the interest on which was to be expended, year by year, for a gold medal to be awarded to the student most proficient in Elocution.

The principal and accumulated interest now amount to over \$2000.

By Mr. Burke's consent, the interest on this sum is used every year in purchasing three medals, which are given publicly to the best Elocutionist, the best Mathematician, and the author of the best English Essay.

Contestants for the Glendy Burke medal for Elocution must be members of the Glendy Burke Literary society, and must be recommended as contestants by a majority vote of its entire membership. A committee of the Faculty awards the medal, on four competitive trials of the contestants.

JUDAH TOURO MEDALS.

About the time when the gift of Mr. Burke was made, Mr. Judah Touro, a benevolent merchant of New Orleans, gave to the Academical Department five hundred dollars, the interest on which was to be expended, year by year, for a gold medal to be awarded to the student most proficient in Ancient History.

The principal and accumulated interest on this sum, too, now amounts to over \$2000. With the consent of Mr. Touro's heirs, the annual interest on this amount is expended for three medals, which are awarded publicly to the best Latinist, the best Grecian and the student most thorough in Ancient History.

LOUIS BUSH MEDAL.

During the session of 1881-82, Mr. Louis Bush, of New Orleans, presented to the University certain funds, the interest on which was to be expended annually in the purchase of a gold medal, to be known as the "Louis Bush Medal for French." This medal is awarded from year to year to the student that shall submit the best Essay in French, on a subject to be assigned by the professor.

LITERARY SOCIETY.

The Glendy Burke Literary Society, for cultivation in debate and declamation, meets every Saturday.

Students are advised to become active members of this society.

SCHOLARSHIPS.

The University grants about one hundred and fifty free scholarships in the Collegiate and High School Departments, which are filled by nomination of State Senators and Representatives, and by the Mayor of New Orleans.

The Administrators, in accordance with the terms of the Act establishing the University, have adopted the following rules in regard to candidates for the scholarships to be filled:

First. As provided in said act, there shall be one such scholarship for each Senator and each Representative in the State, and it shall confer the privilege of free tuition.

Second. Whenever a vacancy exists in the scholarship, it may be filled by the then sitting member for that District, provided however, that the vacancy must be filled before the expiration of his term, otherwise his successor shall make the nomination.

Third. The candidate must be a *bona fide* resident of the District or Parish from which he is appointed, that is, his parents or guardian shall be domiciled in the said Parish or District.

Fourth. He must be a white male youth, twelve years of age to enter the High School, or fifteen years of age to enter in more advanced classes.

Fifth. He may enter any regular class for which he is found prepared, after satisfactory examination by a committee appointed for that purpose by the President of the University. No candidate will be accepted or allowed to matriculate, who is not at least qualified to enter the High School of the University.

Sixth. His application for admission to the University must be in writing, stating the name and post-office address of his parents or guardian; the date of his birth; and if his parents do not reside in New Orleans, the name of a responsible citizen resident here, who will act as his guardian.

Seventh. Accompanying his letter of application he must present his credentials. His nomination shall be made out in the following terms:

"I, A. B.....for the.....
State of Louisiana, hereby nominate.....
son of.....and.....to fill the
vacancy in the scholarship in the Tulane University of Louisiana, accorded
me as.....from this.....

"The said.....is a male, white youth,
twelve years of age, of good moral character and a *bona fide* resident of
the said.....

(Signed)

.....from.....

Eighth. In order to identify the signature to such appointment of the Senator or Representative making it, his signature must be acknowledged by him before some competent State official.

Ninth. Before matriculation, the said scholar must sign a promise to obey, in good faith, the laws of the State and of the University, and to conduct himself as a good student and as a gentleman. He will then matriculate and will be furnished with a certificate thereof, will be enrolled on the books of the University, and considered a member of the Academical Corps, and subject to its regulations, until graduation, resignation, death, dismissal or expulsion. The President shall then assign him to such class or classes as his examination shows him competent to enter.

GYMNASTICS,

Arrangements will be made during the coming year for regular instruction in Gymnastics.

FREE COURSES OF INSTRUCTION.

It is the purpose of the University to extend the benefits of Education as far as circumstances will allow to persons engaged in active life. During the past year lectures were given by Professor Stanford E. Chaillé, M. D., of the Medical Department, to above five hundred school teachers and others every Friday afternoon. These lectures were highly appreciated by the hearers and received the special commendation of the Board of School Directors. A similar course will be given by Dr. Chaillé during the coming year.

Free lessons in drawing were given to about two hundred school teachers and others on Saturdays. Lessons were also given in free-hand and mechanical drawing, on four evenings of the week, to about one hundred and fifty young men, chiefly engaged in mechanical or commercial pursuits during the day. The work of these classes has been so satisfactory as to encourage the Administrators to continue this instruction through the coming year.

Free Lectures on Applied Sciences and useful arts, for the particular benefit of persons engaged in industrial pursuits, are in contemplation and will be announced early in the year.

LIBRARIES,

The State Library, containing 26,000 volumes, is deposited in the Law Building, corner of Common and Dryades streets, and is open daily from 9 A. M. to 3 P. M., and from 4 to 6 P. M.

Students have the use of books free of charge. This Library includes a very valuable collection of Foreign and American Law Books and Law Reports, and of historical and documentary works.

The Fisk Library contains about 8,000 volumes, and is increased yearly at the rate of about 1,000 volumes. It contains the best standard works and current literature, including all the leading literary periodicals. The Reading Room of this Library is open to the public and every facility is given to readers for finding the books and information they desire.

The Tulane Library contains valuable scientific and literary publications and is a depository of public documents; constant accessions are made to it through donations and purchase. It already contains about 7,500 volumes, embracing many choice literary and scientific works. The Medical Section of the Library numbers about 2,600 volumes, including a recent donation of 834 volumes from Dr. T. G. Richardson and 1770 volumes transferred to the Tulane Library by the Medical Department of the University. This section of the Library is kept in a separate room, and is open to members of the Medical Profession and other authorized persons,

The Scientific Section includes a donation of about 1,000 volumes from the New Orleans Academy of Sciences, and is constantly receiving accessions of valuable scientific publications which are sent by way of exchange to the Academy of Sciences from the leading Scientific Bodies of the World, or which are purchased by the University. Readers and students in this section have access to the large and very valuable private library of Prof. Ordway. The leading scientific periodicals of this country and of Europe are received.

The Literary Section of the Library has recently been enriched by the purchase of the private library of O. Carriere, Esq., numbering about 1,100 volumes. This collection contains the best editions of Standard French and English authors. Also by purchase of a fine edition of Teubner's Latin and Greek Classics, 205 volumes.

The following are mentioned among the recent DONATIONS to the Library:

From Dr. T. G. Richardson, Medical and Miscellaneous Works, 834 volumes.

From Wm. Preston Johnston, President, Miscellaneous and Pedagogical Works, 188 bound volumes and 2,000 pamphlets.

From Pennsylvania, through Commissioner R. H. Thomas, 68 bound volumes of Geological Survey of Pennsylvania, 9 unbound volumes, 10 volumes Maps and Charts.

From Hon. J. W. Dickinson, Secretary of Board of Education, Mass., 27 bound volumes of State Educational Reports.

From Department of the Interior, Senate and House Documents, Census of 1880, Patent Office Reports, 39 volumes.

From U. S. Agricultural Bureau, 39 bound volumes.

From B. M. Harrod, Annual Reports of Mississippi River Commission, 1881-2-3.

From Morris R. Chew, Esq., History of Kingdom of Cotton, 1 vol.

From Peabody Institute Library, Baltimore, 2 volumes.

From Hon. R. L. Gibson, Congressional Documents.

From Dr. M. H. Holcombe, Letters on Spiritual Subjects.

From Librarian of Public Library, Cincinnati, Finding Book, 1 vol.

From M. H. Winchell, Esq., Geological and Natural History Survey of Minnesota, 1872, 1881, 2 volumes.

From J. George Hodgins, LL. D., Ontario, Report of Ontario Educational Exhibit at International Exhibition, Philadelphia, 1876.

From M. De Zamacona, City of Mexico, Cuadro Geografico Estadistico é Historico.

From Henry Ginder, Esq., Van Laun's History of French Literature, 2 volumes, Report of Commissioner of Education, 1882-3, 1 vol.

From N. Spatcier, Las Cruces, Colleccion de los Decretos y Ordenes del Congreso Constituyente del Estado Libre é Independiente de Chihuahua, 1728, 1826, 3 volumes.

From Hon. B. Buisson, Commissioner of France at Educational Department of Exposition, in the name of *Le Cercle de la Librairie de Paris*. Par Vve. E. Belin & Fils, 16 vols.; Armand Colin & Cie., 1 vol.; Delalain Freres, 1 vol.; Paul Dupont, 11 vols.; Hachette & Cie., 18 vols.; J. Hetzel & Cie., 8 vols.; A. Mame & Fils, 14 vols.; Victor Talmé, 11 vols.; Tonssielgue Freres, 29 vols. Par le Ministère de l'Instruction Publique, Cartes 14, Globe 1. This handsome donation embraces about 296 bound volumes, 101 pamphlets and 15 volumes of scientific magazines.

MUSEUM.

Tulane University is endeavoring to build up a great Museum. For this purpose it has set aside the large room in Tulane Hall, and such other space as may be necessary. Regarding the general elevation of the public intelligence as one of its functions, the University seeks as one method to this end, to furnish popular instruction through a comprehensive museum, open and accessible to the people of New Orleans and visitors from other parts of the country. It needs such a museum, also, as the workshop and laboratory of many scientific branches taught within its walls.

Such a Museum would embrace within its scope :

- 1st. A SCIENTIFIC DEPARTMENT.
- 2nd. AN INDUSTRIAL DEPARTMENT.
- 3d. AN EDUCATIONAL OR PEDAGOGIC DEPARTMENT.
- 4th. A HISTORICAL DEPARTMENT.
- 5th. AN ART DEPARTMENT.

Everything which can contribute to these results becomes an object of interest and value in the collection. Science is many sided and intelligence moves in all directions of study and investigation. The want of a museum which would furnish object lessons and illustrations to students of Nature in all her works and to Art in her industrial relations, has long been felt in this city. The encouragement which has already been given to the effort of the Administrators of the University in this direction by liberal donations from various sources affords a reasonable hope of the final success of the undertaking. We propose to make a good use of these and all other donations. In the great mass of material there are many duplicate collections of every class. Advantage will be taken of this fact to aid other institutions designated by the donor, thus securing mutual benefit and increasing the relative value of the articles. Whatever remains in charge of Tulane University will be well cared for in the magnificent room which has been prepared for the purpose, and will be so used as to reflect credit upon the liberality of the donor. We shall endeavor to satisfy those who have aided in the enterprise that their contributions were wisely made, because followed by the largest possible good.

It is desirable that the scientific collections should cover many branches, as, for example, Zoology, including Ornithology, Entomology and Ichthyology, Paleontology; Botany, including specimens of barks, fruits, roots, etc., useful in medicine or in any form of industrial arts; Mineralogy, Geology, Lithology, Microscopy.

It is important also, to have Archaeological and Anthropological collections, including pre-historical remains, antiquities, casts of inscriptions, human skeletons, etc.

In the Industrial and Commercial collections we wish :

Illustrations of Metallurgy, iron-ores, steel, irons, coals, fluxes, slags, plans of blast furnaces, etc. Illustrations of the Bessemer process in the manufacture of steel. Samples of nails, tacks, wires, springs, articles of malleable cast iron, steel pens, wood screws, steam pipe, beam sections, rail sections, chains, files, wire cable, etc.

Copper ores, nuts, slags, native and pig copper, spelter, rolled zinc, zinc ores, spun brass, tin ore, pig tin, tinned iron, lead ores, pig lead, litharge from cupellation. Silver lead, model of cupel furnace. Antimony, type metal, antimony ores.

Pigments and illustrations of their manufacture, as white lead, zinc white, chrome yellow and red, vermilion, ultramarine, lamp black. Materials for the manufacture of glass. Materials for pottery, and half made and finished vessels, molds, articles of terra-cotta, tiles, bricks, seggers, re-torts, etc.

Illustrations of soap manufacture.

Textile fabrics, spun and woven fabrics, dye stuffs, prints, gingham, figured goods.

Cocoons, wools, cottons, horse hair, goats's hair, etc.

Papers, paper pulp, wood pulp.

Leathers, raw hide, parchments, tan barks, etc.

Woods used in the arts, fruits, roots, seeds of actual or possible utility.

Medicinal products, vegetable or animal.

Forestry, samples of wood of trees of all classes.

In the Educational Collection we desire:

Text books, writing and drawing books, blanks for school records of attendance, scholarship, etc.

Maps, charts, globes, and all kinds of improved apparatus for teaching.

Reports, catalogues and statistics of educational institutions of all grades—and of all nations.

School laws of various States and countries.

Specimens of work done in literary institutions.

Articles made in industrial and manual training schools.

Plans of school houses.

Appliances for heating, ventilating and improving sanitary conditions of school buildings.

In the Historical Collection we desire pictures, busts, relics, arms, furniture, pamphlets, bound newspaper files, manuscript and whatever will illustrate the history of our race and country.

For the Art Collection it is desirable to have

Specimens of students work in drawing, painting, modeling, etc.

Plaster casts, terra-cotta ornaments.

Models of geometric figures.

Specimens of work in wood carving, leather molding, brass and silver hammering, coins, bronzes, etc.

The Administrators of the Tulane University do not deem it necessary to enlarge upon the benefits to flow from the establishment of a great Educational Museum in the City of New Orleans. As the Commercial Metropolis of the southwest—visited annually by thousands who are attracted by the genial climate or its business facilities, the population of the city represents many States of the Union, many climates and localities. On the three inhabited sides of Louisiana are great States in the

process of rapid development, and the commercial and geographical relations of New Orleans to the rest of the country offer exceptional advantages for the inception of great educational movements. Only the means and the public spirit are needed to secure large results. We propose to furnish the necessary labor, care and the expense of maintenance and have suggested the way by which the means can be furnished. The enterprise loses its local character and rises superior to personal considerations in proportion to the extent of the aid which may be given by those to whom we have made this appeal. We invoke the aid of all citizens interested in building up a great Museum in New Orleans to help Tulane University in securing material.

The following contributions have been made to the Museum from the Exposition:

ARKANSAS. Through Dr. Jay Lewis, collection of minerals, ores.

GEORGIA. Through Mr. N. P. Pratt, specimens of Georgia minerals.

DAKOTA. Through Commissioner, petrified wood.

FLORIDA. W. H. Sebring, Commissioner. Iron ores, coral formation.

MICHIGAN. A. C. Davis, State Commissioner, and F. W. Noble, General Manager and U. S. Commissioner. Minerals, copper, forestry.

FROM MESSRS. W. GEORGE & SON, Detroit, set of panels from native woods.

DETROIT CITY GLASS WORKS, Detroit, Michigan. Glass globe.

MISS S. MINNS. Fine collection of native grasses.

MRS. G. DE A. WATSON. Minerals and woods of Washington Territory.

MRS. E. P. GODFREY, for N. P. Godfrey. Minerals and collection of gold and silver ores from mines of Colorado.

INDIANA. Gen'l J. R. Carnahan, Commissioner. Large block of limestone. Building stones, finished and rough. Tiles. Ordinary and pressed brick. Coal. Large collection of specimens of timber.

KENTUCKY. Through Prof. Proctor, State Geologist. Large collection of woods, the entire display of forestry at the Exposition. Specimens of minerals and soils of Kentucky.

TEXAS. Col. Elliott, State Commissioner. The entire collection of forestry from Texas, at the Exposition.

OREGON. Through Com. Allan. Specimens of woods and minerals.

CALIFORNIA. Through Commissioner, specimens of minerals; through Professor Hanks, photographs of mines and mining scenes, photographs of Lick Observatory and its surroundings; through Professor Lemmon, specimens of salts.

WISCONSIN. Iron ore, show case, collection of twenty-four views of scenery.

PENNSYLVANIA. Through Commissioner Thomas, large block of Anthracite coal, weighing 3225 lbs., from Girard Company; specimens of minerals; full set of maps by counties.

OHIO. Brick clay; coals; terra cotta work.

MONTANA. Specimens of silver and copper ores, and petrified woods.

MISSOURI. Through Commissioner Hilder, valuable collection of forestry.

MINNESOTA. Through Professor Winchell, minerals; clays; report of geological surveys; peat.

NEBRASKA. Through Ex. Gov. R. W. Furniss, specimens of forestry; building stones; soils; coals;

NEW YORK. Stratigraphic and Geological collection.

NEW JERSEY. Specimens of iron and zinc ores, and clays.

SOUTH CAROLINA. Woods; soils; phosphates.

FRANCE. Through B. Buisson, Commissioner, casts and models for drawing.

JAMAICA. Through D. Morris, Superintendent Gardens and Plantations, Kingston, botanical and arborical collections.

HONDURAS. Collection of woods, minerals, barks, fibres, medicinal barks and roots; entire display of Republic of Honduras at the Exposition, through efforts of Col. E. A. Lever and Dr. R. Fritzgaertner, Commissioners.

NEW MEXICO. Through N. Spatcier, Las Crucus, New Mexico, old books.

JAPAN. Four steel engravings of Imperial College of Engineering, at Tokio; collection of catalogues, meteorological observations; samples of wall paper, precipitated copper, coal, sulphate of copper, tea, cocoons and antimony.

SWEDEN. Collection of slöjd work in wood from the schools of Stockholm, and drawings of the Nääs series of models, received from Herr Otto Salomon, of Nääs Seminary.

From Henry Ginder, Esq. Collection of valuable stones—mosaics, cameos, etc., eleven pieces.

From Hon. J. Walker Fearn. Bow and arrows used by Indians of Orinoco, South America; tooth of whale.

From Birmingham England. Model of school houses, books, etc. The Educational exhibit at Exposition.

DISCIPLINE.

Tulane University is, in tone, Christian, but not Sectarian. the spirit it strives to inculcate. The discipline of the institution is but firm. The students are presumed to be gentlemen, and a high

*This is
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and.*

ard of honor and truthfulness is inculcated and maintained. When a student is found deficient in either, or is so delinquent in industry or punctuality as to offer a bad example to his comrades, his parents are respectfully notified to withdraw him. Frequent cases of immorality or gross breaches of discipline are visited with suspension, dismissal or expulsion, according to the circumstances.

In order to avail itself of the full benefit of parental aid and control in securing conduct and punctuality, parents are *immediately* advised of all cases of bad conduct, absence or tardiness. Monthly report of class standing, progress and conduct are also sent; and also at the end of each half session, a circular summarizing those facts, together with the results of his examinations.

Students in the High School are under the supervision of a Professor during school hours.

In the College, students when not engaged in their classes, are expected in academic hours, from 9 A. M. to 4 P. M., to remain in the study room to which they are assigned. Monitors, who enjoy the especial respect and confidence of the Faculty, are appointed, who have charge of the good order and decorum of these rooms, and who are required to report all breaches of discipline to the President daily.

College students, whose parents do not reside in the city, are required to have a guardian, who stands in the place of a parent, and to whom reports are made.

University students will be allowed the fullest freedom consistent with good order.

BOARD AND LODGING.

Students can obtain board and lodging at from \$20 to \$25 per month in approved boarding houses or private families. The University authorities pay particular attention to placing them, according to the wishes of their families, under such religious or material influences as may be indicated. Special arrangements are made, through leading gentlemen, with Roman Catholic, Protestant and Jewish families of culture, and of American, French, German or Spanish nationality, to receive our students as boarders. They thus have the direct religious influence desired, and the opportunity to obtain a familiar knowledge of any modern language in which they especially wish practice.

EXPENSES.

The tuition fee for a session of eight and a half months, is \$50, payable in installments of \$12.50 at the beginning of each quarter-session. Bills are presented, therefore, and must be promptly paid, on October 15th, December 10th, February 23d, and April 17th.

No deduction is made when a student enters after the commencement, or leaves before the close of a quarter-session.

The charge of fifty dollars per annum is uniform for students of the High School, College and Law Departments.

In the Law Department, the annual charge of \$50 is paid at matriculation.

Candidates for the degree of Doctor of Philosophy, are exempt from tuition fees.

Students furnish their own books, drawing instruments and drawing utensils, and are required to pay the cost of the apparatus which may be broken or damaged by them in the laboratories or about the University property.

The cost of books averages about \$10 per year.

There are no extra charges.

DAILY SESSION.

The daily session begins at 9 A. M., and ends at 4 P. M., with an hour's intermission from 12 M. to 1 P. M.

LOCATION.

The buildings, which are large and commodious, are situated in the centre of the city, on Baronne, Common and Dryades Streets. Two are occupied by the Academical Department and its adjunct High School, one by the Medical Department, and one by the Law Department and State Library. The recent generous donation by Mr. Paul Tulane, of Princeton, New Jersey, of the building formerly known as the Mechanics' Institute, gives ample space for the rapidly growing needs of the Academical Department. The Medical Department has the use of the great Charity Hospital for practical instruction in Clinical Medicine and Surgery. The recently purchased building, known as Turner's Hall, for the Manual Training Department, is conveniently located on the corner of Lafayette and Dryades Streets, and is well adapted to the wants of this branch of instruction.

The wisdom of founding seats of learning in centres of population is beyond dispute. The fact that the chief universities and colleges of England are located, for the most part, in small towns is adduced by Matthew Arnold as the chief reason why so few students in that country, in proportion to the large population, come under higher instruction. And he advocates, as the first step to be taken in educational reform, the establishment of new institutions for higher instruction in the centres of population of England. The Tulane University of Louisiana, is located

here, at the doors of nearly 225,000 people—almost the third of the population of the State; and the rapid increase in the railroad and other transportation facilities to New Orleans is making it every day more and more accessible from all quarters.

Notwithstanding the occasional outbreaks of yellow fever, New Orleans is, perhaps, the healthiest city of its size in the United States. Epidemics visit it only at intervals of years,* and prevail only in the summer vacations and, possibly, in the month of October. They do not interfere, therefore, with the practical working of the University.

ATTENDANCE.

During the session 1884-85 there were in the different departments of the University the following number of students:

High School.....	160
Academic Department.....	83
Law Department.....	17
Medical Department.....	223
Total	483

*The following extract from the special catalogue of the Medical Department of the University is of interest in this connection:

"The ungenerous attempt to prejudice students against coming to New Orleans by the publication of unfavorable statements concerning the health of the city, is unworthy of notice, except to inform any who may be ignorant of the fact that only two epidemics of Yellow Fever have occurred here in twenty years. During the forty-four years of the existence of the institution, no student has died from this cause during the lecture term. Indeed, we think it may be shown that the mortality among the students of the University, from all causes combined, is less than that in any other Medical College in the United States. In proof of this, we take great pleasure in referring to the fact that only a single death has taken place during the term, since 1872."

LAW DEPARTMENT.

FACULTY.

WILLIAM FRANCIS MELLEN, LL. D., DEAN.

RANDELL HUNT, LL. D., EMERITUS RECTOR,
Professor of Constitutional Law, Commercial Law, and the Law of Evidence.

WILLIAM FRANCIS MELLEN, LL. D.,
Professor of Common Law and Equity Jurisprudence, and Lecturer on Criminal Law and the Law of Pleading.

HENRY CARLETON MILLER,
Professor of Admiralty and International Law.

HENRY DENIS,
Professor of Civil Law, and Lecturer on the Land Laws of the United States.

The Law Department was organized in 1847. The degree of Bachelor of Laws, granted by the University, authorizes the person upon whom it is conferred to practice law in this State. The graduates of the school constitute a large number of the most respected practitioners of law in Louisiana.

The annual course of instruction in this Department will commence on Monday, November 16, 1885, and terminate in the ensuing month of May.

The great fountain of the jurisprudence of Louisiana is the Roman Civil Law. While it is necessary to study here, as in other States of the Union, the Law of Nature and Nations; Admiralty and Maritime Law; the Common Law; Equity and Constitutional Law; it becomes absolutely requisite to add to these the study of the Civil Law—from which the provisions of the Code of Louisiana are mainly borrowed.

Besides, the jurisprudence arising from the conflict of the laws of different States and Nations in their actual application to modern commerce and intercourse is here practically taught by cases daily arising in the common business of private persons.

The Supreme Court, the various Courts of the State, the Circuit Court and the District Courts of the United States hold their sessions in New Orleans during the whole period of the course of lectures of this Department of the University. Thus from the actual administration of justice in these Courts, from the discussions at the bar, and the opinions of learned Judges—as well as from the lectures of the Professors of the Law Department in the University, students have an opportunity of becoming acquainted with the theory of foreign laws, as well as of our own law and of familiarizing themselves with the practice of the State and Federal Courts.

The Library of the State has been suitably arranged over the lecture room, in the wing of the University buildings devoted to the Department of Law, corner of Common and Dryades streets. The Library consists of twenty-six thousand volumes, and includes a highly valuable collection of foreign and American legal works, and of Law Reports. During term time it is open daily from 9 A. M. until 3 P. M., and from 4 P. M., until 6 P. M. The use of the books is secured to students free of charge, under the regulations established by the Secretary of State.

REGULATIONS.

Every applicant for admission must be personally known to one of the Professors, or satisfactorily introduced.

Instruction will be given at the school daily during term time by Lectures and Expositions, and Examinations in connection with them.

Moot Courts will be held for the instruction of the students in practice.

There will be a regular Public Commencement of the Department every year.

The Faculty will, previous to the Commencement, determine upon the qualifications of applicants for the Degree of Bachelor of Laws, and present their names to the Administrators.

The Degree of Bachelor of Laws will be conferred on those students only who shall have attended *two full courses* of Lectures; or *one full course*, after having pursued their studies for the term of twelve months under the direction of a respectable Counsellor at Law, or in an institution having power to confer the Degree of Bachelor of Laws, *and* who shall, on examination by the Professors, be found worthy of the honor.

The Degree will be conferred on Commencement Day, in public, according to the forms usually observed in Universities.

The Degree will not be conferred on any student under the age of twenty-one years. Students will take notice that petitions to be exempted from the operation of this rule will not be received by the Faculty.

Every graduate of this Department is entitled to attend the Lectures without charge.

The annual fee is \$50 payable at matriculation to the Secretary of the University. There are no extra charges.

Students may enter at any stage of their professional studies, and at any time in the term: they may avail themselves of the advantages of the school in whatever manner and to whatever extent they may see fit. But those who join the class after the 15th of January, will not be considered as having taken a full course.

The next annual session of this Department will commence Monday, November 16th, 1885, and terminate in the ensuing month of May.

The exercises for the session of 1885-86, will be opened by the Dean, by a Public Lecture, at 6.30, P. M., on the 16th day of November.

Daily thereafter at the customary hours, the regular lectures of the session will be given.

The regular lectures of the session are open to none but matriculants and graduates of this Law School, except upon special invitation.

All communications should be addressed to the Dean.

WILLIAM F. MELLEN,

Dean of the Faculty of Law,

10 Carondelet Street,
New Orleans, La.

NEW ORLEANS, July 1st, 1885.

TEXT BOOKS.

KENT'S COMMENTARIES.
WOOLSEY'S INTERNATIONAL LAW.
WHEATON'S INTERNATIONAL LAW.
CONKLING'S U. S. ADMIRALTY.

CIVIL CODE OF LOUISIANA AND CODE OF PRACTICE.
COOPER'S JUSTINIAN.
LAURENT, COURS DE DROIT CIVIL.
MARCADÉ ON THE FRENCH CODE, or
MOURLON REPETITIONS ECRITES, ETC.

BLACKSTONE'S COMMENTARIES.
STORY'S EQUITY.
SMITH'S MANUAL OF EQUITY.

SMITH'S MERCANTILE LAW.
STORY ON BILLS OF EXCHANGE AND PROMISSORY NOTES.
ABBOTT ON SHIPPING.
ARNOULD ON INSURANCE.
GREENLEAF ON EVIDENCE

MEDICAL DEPARTMENT.

Since the issue of its last circular the Medical Department has been deprived of the services of two of its most distinguished professors. Prof. S. M. Bemiss, M. D., died November 17th, 1884, after eighteen years of zealous service, during which his great learning, exceptional ability and high character were successfully devoted to enhancing the reputation of his chair and of the faculty. Prof. Samuel Logan, M. D., after fourteen years of faithful service, resigned his chair, to the great regret of his colleagues, on March 31st, 1885, in consequence of the exacting demands of his private practice. As a result of these deplorable losses, Prof. John B. Elliot, M. D., has been transferred from the chair of therapeutics, etc., which he has filled to the eminent satisfaction of the faculty during the past nine years, to the chair of the Practice of Medicine, etc., vacated by Prof. Bemiss; Dr. J. F. Y. Paine, an alumnus of this institution, an experienced medical teacher and an eminent physician of Galveston, Texas, has been appointed to the chair vacated by Prof. Elliott; and Dr. Edmund Souchon, an alumnus of and a former Demonstrator of Anatomy in this institution, and also an exceptionally accomplished anatomist, has been appointed to the Professorship of Anatomy and Clinical Surgery, the post vacated by Prof. Logan. An additional change has been the appointment of Prof. Chaillé as Dean of the faculty in place of Prof. Richardson, who resigned this post, to the great regret of his colleagues, after twenty years of most faithful, able and satisfactory discharge of its duties.

The next annual course of instruction in this Department, now in the fifty-second year of its existence, will begin on Monday, October 19th, 1885, and end on Saturday, March 27th, 1886.* The Commencement will be held on Wednesday, March 31st. The first four weeks of the term will be devoted exclusively to Clinical Medicine, Surgery, Obstetrics and Gynecology in the wards and amphitheatre of the Charity Hospital; Practical Chemistry in the Chemical Laboratory, under the direction of the Professor; and Practical Anatomy in the spacious and well-ventilated anatomical rooms of the University.

The peculiar feature of the school is its unequalled hospital advantages, to which the faculty would direct the special attention not only of medical students but also of graduates of other schools.

*The attempt to prejudice students against New Orleans by the publication of unfavorable statements concerning the health of the city is unworthy of notice, except to inform anyone who may be ignorant of the fact that only two epidemics of Yellow Fever have occurred here in twenty-six years. During the fifty-one years of the existence of the institution, no student has died from this cause during lecture term.

CLINICAL INSTRUCTION AT THE CHARITY HOSPITAL.

It is universally admitted that without abundant anatomical and clinical material no medical school, however numerous or eloquent its professors, can possibly fit its pupils for practical professional life. It is scarcely necessary to state that it is only in large cities that such advantages can be procured; but it is of paramount importance that the opportunities there afforded should be properly utilized; that the students should be required, under the direction of the teacher, to examine patients for themselves, to keep records of cases, to note daily changes which may occur, and thus acquaint themselves by personal observation with the progress and termination of diseases and accidents. The mere introduction of a patient into an amphitheatre, and the discussion of his case by the professor in the presence of a large class, is no substitute for bed-side instruction such as is offered by the great Charity Hospital of New Orleans; and no reduction of lecture fees, not even their entire abolition, can possibly compensate for the lack of such opportunities. The free use of the wards of this noble institution, with its *seven hundred beds* and an annual admission of *more than seven thousand patients*, has been given by acts of the Legislature to the professors of the Medical Department of the University of Louisiana for the practical instructions of its students, not only in Medicine and Surgery, but also in Obstetrics and Gynecology.

The following table of 7,900 cases admitted in the Charity Hospital during the year 1884, will give some idea of the great advantages possessed by the University for the practical study of Medicine and Surgery.

DISEASES.	NUMBER OF CASES.	DISEASES.	NUMBER OF CASES.
Fevers and other General Diseases....	3,230	Obstetrical Cases.....	119
Diseases of Nervous System.....	536	Veneral Diseases.....	290
“ Circulatory Organs.....	232	Diseases of Skin.....	44
“ Respiratory “.....	822	“ Eye.....	142
“ Digestive “.....	956	“ Bones and Joints.....	86
“ Genito-Urinary Organs..	247	Local Diseases and Injuries.....	834
“ Women.....	253	All Other Diseases.....	102

In addition to the 7900 cases admitted into the Hospital there were 10,604 “out-door” or visiting patients, many of whom, by the courtesy of the House Surgeon and Assistant House Surgeon, were sent to the Professors in charge of wards for diagnosis, medical advice, and surgical operation. Of the grand total of 18,504 patients treated, 4,768 were colored. Of the 52 wards, in the Charity Hospital, 16 are for females and 2 for children. There are 14 Surgical, 2 Obstetrical, 2 Gynecological wards, 2 for diseases of the Eye and Ear and 2 for venereal diseases.

It is manifest that the facilities thus afforded for *genuine* clinical teaching are unsurpassed by any medical college in the United States; and that they are somewhat appreciated is attested by the size of the classes.

All the professors are Attending Physicians or Surgeons of the hospital, and visit their wards daily, accompanied by the students, who are thus brought into im-

mediate contact with the sick and wounded, and are taught, practically, auscultation and percussion, analysis of urine, the application of dressings, etc. Surgical operations are performed, lectures delivered upon selected cases, and *post-mortem* examinations are made in the amphitheatre of the hospital.

Special instruction is given to the candidates for graduation, who are, for this purpose, divided into classes, assigned to the respective professors in charge of the wards in the hospital, and required to keep records of cases under their care. The classes thus formed interchange courses, so as to enable the candidates to enjoy equal advantages. Thoroughly competent Chiefs of Clinic aid the Clinical Teachers in developing to its full extent this system of instruction. Students who are not candidates for graduation make the daily hospital rounds with any of the clinical teachers. The following professors and their respective Chiefs of Clinic will be on duty the ensuing session:

PROF. T. G. RICHARDSON, M. D.....	{ CHAS. CHASSAIGNAC, M. D. F. H. BRICKELL, M. D.	} Chiefs of Clinic.
" S. E. CHAILLÉ, M. D.....	CHAS. L. SEEMAN, M. D.	
" JOSEPH JONES, M. D.....	STANHOPE JONES, M. D.	
" ERNEST S. LEWIS, M. D.....	{ ARTHUR NOLTE, M. D. G. B. LAWRASON, M. D.	
" JOHN B. ELLIOTT, M. D.....	{ J. H. BEMISS, M. D. P. E. ARCHINARD, M. D.	
" J. F. Y. PAINE.....	ERNEST LAPLACE, M. D.	
" EDMOND SOUCHON, M. D.....	RUDOLPH MATAS, M. D.	

The regular lectures at the Hospital, on Clinical Medicine by Professors Elliott and Jones; on Surgery, by Professors Richardson and Souchon; on Obstetrics and Diseases of Women and Children, by Professor Lewis; and on Pathological Anatomy, by Professor Chaillé, will be delivered in the amphitheatre, daily, from 8:30 to 12 A. M.

Post-mortem examinations are made in the presence of the class by the Professor of Pathological Anatomy.

Diseases of the Eye and Ear are taught in the eye-wards and amphitheatre of the Hospital, and constitute a part of the curriculum of the surgical chair.

The administrators of the Charity Hospital elect annually, by competitive examination in March, fourteen Resident Students, who are entitled to boarding and lodging in the institution free of charge.

LECTURES.

Order of Lectures.—The programme will be so arranged that the lectures upon the elementary branches, Anatomy, Physiology, Materia Medica and Chemistry, will occupy a somewhat larger proportion of hours during the first ten weeks of the session than the practical studies, Practice of Medicine, Surgery, Obstetrics, Gynec-

cology and Therapeutics. On this account it is very important that the students should enter promptly at the opening of the term.

Didactic Lectures.—Systematic didactic instruction in the various branches will be given daily, immediately after the Hospital clinics, in the central building of the University, situated on Common street, between Baronne and Dryades streets. The means for illustrating this course consist of models in wood, wax, plaster and papier maché of rare and beautiful workmanship, executed in London, Paris and Florence, expressly for the University; a complete series of specimens in *materia medica*; surgical and obstetrical instruments and appliances; a large collection of natural anatomical preparations; specimens in morbid anatomy; and an entire set of chemical and philosophical apparatus.

The Faculty call special attention to the fact that the subject of Hygiene has been added to the regular curriculum of the school. One lecture a week will be delivered upon this important topic by Professor J. F. Y. Paine, whose chair has been accordingly designated *Materia Medica*, *Therapeutics*, and *Hygiene*. This course is obligatory upon students.

REQUISITES FOR GRADUATION.

- I.—The candidate must be of good moral character, and have attained the age of twenty-one years.
- II.—He must present evidence of having studied medicine for at least three years under the direction of a regular graduate or practitioner of medicine of good standing, including the time spent in attendance upon lectures.
- III.—He must have attended two complete courses of lectures and of dissections in a generally recognized medical college, the last of which must have been in this institution.
- IV.—He must write a thesis on a medical subject and present it to the Dean one month before the close of the session.
- V.—He must pass a satisfactory examination before the faculty.
- VI.—He must have paid in full all college dues, including the graduation fee.
(Students who intend to present themselves for examination are advised to write their theses during the summer vacation).

TERMS.

For the tickets of all the Professors.....	\$ 140 00
For the ticket of Practical Anatomy.....	10 00
Matriculation (paid only once).....	5 00
Graduation in Medicine and Surgery.....	30 00

It will be noticed that the fees of the Department remain the same as those of the leading medical schools of New York and Philadelphia. Considering the unusual opportunities afforded for practical instruction, and the constant care and labor bestowed upon the pupils, the charges are reasonably low, and the Faculty, therefore, appeal to their professional brethren throughout the South and West to continue their support to an institution which does not seek to increase the size of its classes by pecuniary rivalry, but by offering *a full equivalent for its charges*.

Graduates of other respectable schools are admitted to all the privileges of the Department upon payment of the matriculation and half-lecture fees. They cannot, however, obtain the diploma of the University without passing the regular examination, and paying, in addition, the usual graduation fee.

Students who have attended and paid for two full courses of lectures, the last of which was in this institution, are entitled to attend thereafter without charge; and it is the earnest desire of the Faculty that they should avail themselves of this privilege, to the extent of at least one additional course, before applying for graduation. It is gratifying to be able to state that many members of the last class followed this course and their high standing at the final examinations more than compensated them for their prolonged attendance upon lectures.

As a still further inducement, the Faculty will hereafter permit students who have attended and paid for two courses of lectures, the last of which shall have been in this institution, examinations upon one or more of the elementary branches, namely: Anatomy, Physiology, Pathological Anatomy, Chemistry, and *Materia Medica*. These examinations, if successful, will not be repeated, but if the applicant should fail upon one or more of them, he will be granted a second trial upon these when he shall present himself for final examination.

INSTRUCTION IN PHARMACY.

The Faculty call attention to the fact that this institution is also authorized to grant diplomas in Pharmacy. Students in this Department attend the lectures upon *Materia Medica* and Therapeutics and upon Chemistry, and receive practical instruction in the Chemical Laboratory. Attendance upon two such courses entitles them to appear as candidates for the degree of Master of Pharmacy, which is publicly conferred at the Annual Commencement by the President of the University upon those who pass the examinations.

The fees for the lectures are forty dollars per session, and for graduation twenty dollars; but as the course is included in that of Medicine, students who graduate in the latter and wish to take also the degree in Pharmacy pay in addition only the diploma fee.

TEXT BOOKS.

The books mentioned below are recommended in preference to others; but *recent editions* of any standard works may be used in their stead.

SURGERY—Gross, Ashurst or Bryant.

PRACTICE OF MEDICINE—Reynolds, Flint or Bristowe.

PHYSIOLOGY—Foster, Dalton or Flint.

PATHOLOGICAL ANATOMY—Coats, Green, Delafield and Prudden.

OBSTETRICS—Leishman, Playfair or Lusk.

GYNECOLOGY—Barnes, Thomas or Emmet.

DISEASES OF CHILDREN—Smith or West.

CHEMISTRY—Fownes or Attfield.

ANATOMY—Gray, Wilson or Richardson.

MATERIA MEDICA AND THERAPEUTICS—Wood, Rabuteau, Bartholow or National Dispensatory.

HYGIENE—Wilson or Parkes.

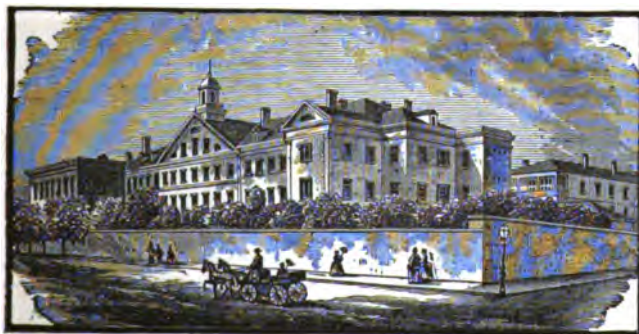
Boarding and lodging may be obtained by application to P. Carey, Janitor.

For any additional information address "Prof. CHAILLÉ, Dean, P. O. Drawer 261,"

STANFORD E. CHAILLÉ,

NEW ORLEANS, LA., June, 1885.

Dean of the Faculty.



CHARITY HOSPITAL.

SCHEDULE OF

DATE.	ANATOMY.	PHYSIOLOGY.	CHEMISTRY.
1st week, beginning Nov. 16, 1885.....	Introductory—Histology. Abdomen	Introductory—Chemical and Histological composition of the Body.....	Physical Phenomena & Force. Physical Properties of Matter.
2d Week.....	Alimentary Canal.....	Normal Histology (continued) Histology of Tumors.....	Physical Properties (contin'd) Heat.....
3d	Abdominal and Pelvic Viscera	Digestion.....	Light.....
4th	Male Genital Organs.....	Digestion (continued)..... Absorption.....	Electricity, Magnetism, Galvanism, etc.....
5th	Region of Thorax; Heart..... Respiratory Apparatus.....	Absorption (continued)..... Sanguification.....	INORGANIC C.—Non-Metalloids, Nomenclature, Affinity
6th	Respiratory Apparatus (continued)..... Nervous Centres.....	The Blood.....	Metalloids—Physical & Chemical Properties of.....
7th	Brain and Spinal cord (continued)..... Organs of Special Senses.....	The Blood (continued)..... Circulation	Metalloids—Physiological, Pathological and Toxicological, Properties of.....
8th	Organs of Special Senses (continued).....	Circulation (continued).....	Demonstrations with Non-Metallic Elements and Compounds
9th	Osteology	Respiration.....	Metallic Elements—Chemical Nomenclature and Affinity..
10th	Osteology (continued).....	Secretion and Excretion.....	Metals—Physical and Chemical, Properties of.....
11th	Osteology (continued).....	Excretion, Renal.....	Metals—Physiolog., Patholog. and Toxicolog., Properties of
12th	Osteology (continued)..... Syndesmology.....	Nutrition and Animal Heat....	Demonstrations with Metallic Elements and Compounds...
13th	Muscles.....	Contractility and Locomotion.	ORGANIC C.—Carbon and its Compounds.....
14th	Muscles (continued)..... Arteries	NERVOUS SYSTEM—Chemistry and Histology of.....	Organic Acids; Sugar; Fermentation, Oils.....
15th	Arteries and Veins	Functions of the Spinal Cord and Nerves.....	Alkaloids—
16th	Veins (continued)..... Lymphatics	Functions of the Brain.....	Proximate Principles of the Human Body.....
17th	Nerves	Functions of the Cranial Nerves	The Urine.....
18th	Nerves (continued)..... Regional Anatomy	Functions of the Sympathetic System..... Special Senses.....	The Blood.....
19th	Regional Anatomy (continued)	Special Senses	Toxicological Experiments...
		The demonstrations in Morbid Anatomy are made in the Amphitheatre of the Charité Hospital.	

DIDACTIC LECTURES.

MATERIA MEDICA, THERAPEUTICS AND HYGIENE.	PRACTICE OF MEDICINE.	SURGERY.	OBSTETRICS AND DISEASES OF WOMEN AND CHILDREN.....
Introduction—Absorption... Elimination.....	General Pathology and Therapeutics.....	Acute Inflammation—Phenomena, Causes and Treatment of.....	Introductory — Female Organs of Generation..
Classification— Agents Influencing Tissue Formation—Increasing.....	Theory of Fever—Treatment of Febrile State..	Treatment of Acute Inflammation—(continued)..... Chronic Inflammation.....	Ovulation, Menstruation, Conception, Development of Ovum.....
The Same—(continued).....	Diatheses and Cachexia.	Local effects of Inflammation.....	Decidua, Chorion, Placenta, etc..... Changes During and Signs of Pregnancy....
Agents Influencing Tissue Formation—Diminishing....	Causes of Disease—Epidemic and Sporadic...	Tumors—Benign.....	Disorders of Menstruation..... Abortion.....
The Same (continued).....	Epidemic Diseases.....	Tumors — Malignant and Semi-Malignant.....	Abortion (cont'd), Duration of Pregnancy... Molar Pregnancy.....
Agents Influencing Nervous Function—Increasing.....	Same—(continued).....	INJURIES—Constitutional and Local Effects, Contusions, Wounds.....	Super and Extra Fœtation. Missed Labor, Spurious Pregnancy...
The Same—(continued).....	Same—(continued).....	Hemorrhage.....	Gravid Uterus, Palpation Pelvis.....
Agents Influencing Nervous Function—Diminishing....	Diseases of Digestive Apparatus.....	Injuries of Arteries, Veins and Nerves.....	Fœtal Head..... Labor.....
The Same—(continued).....	Same—(continued).....	Injuries of Bones—Contusions and Fractures.....	Stages and Management of Labor—Puerperal State.....
Agents Influencing Secretion and Excretion—Increasing	Same—(continued).....	Fractures—(continued).....	Presentations — Vertex, Face, Pelvis.....
The Same—(continued).....	Diseases of Circulatory Apparatus.....	Injuries of Joints—Contusions, Wounds, Dislocations.....	Presentations—Shoulder, Funis, Placenta.....
Agents Influencing Secretion and Excretion—Diminishing.....	Same—(continued).....	Dislocations—(continued).....	Tedious Labor.....
Prophylaxis—In Place.....	Diseases of Respiratory Apparatus.....	Diseases of Bones and Joints	Same (continued), Postpartum Hemorrhage—Rupture of Uterus....
Prophylaxis—In Person.....	Same—(continued).....	Erysipelas, Burns and Tetanus.....	Inversion of Uterus, Retained Placenta, Puerperal Mania.....
Antiseptics.....	Diseases of Urinary Apparatus.....	REGIONAL SURGERY—Head	Eclampsia..... Puerperal Fever.....
Antiparasitics.....	Same—(continued).....	Face—Nasal and Buccal... Cavities—Throat.....	Same (continued), Phlegmasia Dolens..... Induction of Labor.....
Agents Influencing Local Action—Increasing.....	Diseases of the Nervous System.....	Cervical Region.....	Obstetric Operations — Chloroform.....
The Same (continued).....	Same—(continued).....	Thorax and Abdomen.....	First Dentition—Convulsions, Cholera Infantum.....
Agents Influencing Local Action—Diminishing.....	Same—(continued).....	Pelvis.....	Catarrhal Affections of Children.....
As elsewhere stated, one lecture per week will be devoted to the subject of HYGIENE.	All teachings illustrated clinically in the Amphitheatre of the Charity Hospital and at the bedside in the wards of the same institution	Diseases and Injuries of Genito-Urinary Organs, Syphilis and many other affections, not mentioned above, are demonstrated in the amphitheatre and wards of the Charity Hospital....	Surgical Diseases of Women are taught in the wards of the amphitheatre of the Charity Hospital.

GRADUATES OF 1885.

At a public commencement held April 1st, 1885, the degree of Doctor of Medicine was conferred upon the following Graduates in Medicine, and the degree of Master of Pharmacy upon the following graduates in pharmacy, by the Hon. Wm. Preston Johnston, President of the University. The annual address was delivered by General John Eaton, U. S. Commissioner of Education, and the valedictory, by Charles L. Seeman, M. D., a member of the graduating class.

GRADUATES IN MEDICINE—64.

AIKMAN, WILLIAM H.	.....	New Orleans.	.....	Louisiana
*ALLAIN, ARTHUR A.	.....	New Orleans	.....	Louisiana
BAINS, LOUIS W.	.....	Leslie	.....	Texas
BALL, WILLIAM L.	.....	Greenville	.....	Mississippi
BARKER, WILLIAM E.	.....	Plaquemine	.....	Louisiana
*BLANC, HENRY WM.	.....	New Orleans	.....	Louisiana
BUIE, JOHN	.....	Hillsboro	.....	Texas
CHACHERE, HOMER	.....	Opelousas	.....	Louisiana
CHAUFF, LEONCE D.	.....	Bonnet Carré	.....	Louisiana
CHERRY, E. OTIS	.....	Stantonville	.....	Tennessee
*CLAVERIE, J. ARTHUR	.....	New Orleans	.....	Louisiana
COLOMB, BROOKS A.	.....	Yallaha	.....	Florida
DARLING, JOSEPH	.....	Meridian	.....	Mississippi
DAVISS, EDWARD P.	.....	Fairfield	.....	Texas
DURINGER, WILLIAM A.	.....	Fort Worth	.....	Texas
ERWIN, THOMAS T.	.....	Bryan	.....	Texas
EVANS, WILLIAM A.	.....	Aberdeen	.....	Mississippi
FELDER, GABRIEL S.	.....	Austin	.....	Texas
GARDNER, ASHBEL B.	.....	Denison	.....	Texas
GEORGE, BALLARD O.	.....	Las Cruces	.....	New Mexico
GILLEAN, JOHN A.	.....	Purden	.....	Texas
GUILBEAU, BENJAMIN H.	.....	Grand Coteau	.....	Louisiana
GOUAUX, THEOPHILE	.....	Natchitoches	.....	Louisiana
HARPER, WILLIAM D.	.....	Minden	.....	Louisiana
HATCHETT, BUCHANAN—M. D.	.....	Carbondale	.....	Texas
HICKS, DELANA L.	.....	Lincoln Parish	.....	Louisiana
HUMPHREYS, DAVID S.	.....	Greenwood	.....	Mississippi
INGRAM, JOSHUA T.	.....	Clarksville	.....	Arkansas
INMAN, BENJAMIN W.	.....	Fort Adams	.....	Mississippi
JARRELL, JULIUS S.	.....	Henderson	.....	Texas
JONES, JOHN C.	.....	Pratt Mines	.....	Alabama
KARNES, THOMAS C.	.....	Plum	.....	Texas
KELLY, WILLIAM A.	.....	Walnut Grove	.....	Mississippi
KILPATRICK, RALPH	.....	Cheneyville	.....	Louisiana
LEBLANC, PIERRE	.....	Youngsville	.....	Louisiana
*LOWE, EDMUND P.	.....	Chapell Hill	.....	Mississippi
LOWE, MORGAN M.	.....	New Orleans	.....	Louisiana
McLURE, NEIL—M. D.	.....	Sherman	.....	Texas
McREYNOLDS, JAMES H. W.—M. D.	.....	Paris	.....	Texas
MAYS, CHARLES E.	.....	New Salem	.....	Texas
MARTIN, FRANCIS R.	.....	Breaux Bridge	.....	Louisiana
MELANÇON, MARK C.	.....	Lockport	.....	Louisiana
MENEFEE, EVALYN L.	.....	Joshua	.....	Texas
NOTT, T. EDWIN	.....	Spartanburg	.....	South Carolina
*OLLIPHANT, HOWARD S.	.....	New Orleans	.....	Louisiana
OSBURN, WILLIAM M.	.....	Pine Hill	.....	Texas
PARKER, PHILIP E.	.....	Stephens	.....	Arkansas
PARSONS, EDMUND B.	.....	Moscow	.....	Texas
PATRICK, ALLEN	.....	Boyce	.....	Louisiana
PIERCE, ALBERT G.	.....	Wesson	.....	Mississippi
PUGH, WILLIAM W.	.....	Bryan	.....	Texas

*Resident Students of Charity Hospital graduated.

ROGERS, LARKIN S.....	Vaiden.....	Mississippi
*SERMAN, CHARLES L.....	New Orleans.....	Louisiana
SHROPSHIRE, L. LINDSAY.....	Comanche.....	Texas
STEPHENS, JOSEPH S.....	Natchitoches.....	Louisiana
SWANN, ALFRED R.....	Lindale.....	Texas
VAUGHAN, WILLIAM R.....	Beaumont.....	Texas
VIVES, NUMA.....	Belle Rose.....	Louisiana
WALKER, ROBERT R.....	Paris.....	Texas
WATKINS, JEREMIAH E.....	Minden.....	Texas
WHITE, SAMUEL J.....	Jefferson.....	Texas
WITT, JAMES M.....	Eddy.....	Texas
WITT, JOSEPH H.....	Eddy.....	Texas
YATER, WILLIAM M.....	Cleburne.....	Texas

GRADUATES IN PHARMACY—7.

BARTHET, LEON.....	New Orleans.....	Louisiana
BOGEL, EDWARD J.....	New Orleans.....	Louisiana
DARLING, JOSEPH.....	Meridian.....	Mississippi
FIELD, ALBERT S.....	New Orleans.....	Louisiana
MATHIEU, JOHN H.....	New Orleans.....	Louisiana
NOTHACKER, WILLIAM.....	New Orleans.....	Louisiana
SAHUQUE, LOUIS P.....	New Orleans.....	Louisiana

MATRICULATES OF THE SESSION, 1884-'5—223.

MATRICULATES.	PRECEPTORS.	STATE.
AIKMAN, WM. H.....		Louisiana
ALLAIN, ARTHUR A.....	Charity Hospital.....	Louisiana
ANDERSON, THOS.....	Dr. Joseph Jones.....	Louisiana
AUSTIN, W. M.....	University of Louisiana.....	Louisiana
AUTREY, A. M.....	Dr. A. P. J. Autrey.....	Mexico
BAKER, FRANCIS W.....		Louisiana
BAILEY, T. T.....	Dr. E. A. Rowan.....	Mississippi
BAINS, L. W.....	Kentucky School of Medicine.....	Texas
BAIRD, THOS. H.....	Dr. W. E. Arnold.....	Arkansas
BALL, W. L.....	Dr. S. M. Ball.....	Mississippi
BANKS, J. E.....	Dr. M. L. Banks.....	Mississippi
BARKER, WM. E.....	University of Louisiana.....	Louisiana
BARTHET, LEON.....		Louisiana
BATES, W. P.....	Dr. C. H. Bates.....	Mississippi
BATSON, G. B.....	Dr. G. A. Brumfield.....	Mississippi
BAYON, HENRY.....		Louisiana
BEAUCHAMP, A. T. B.....	Dr. G. W. Bedford.....	Texas
BEHREND, PETER J.....		Louisiana
BICKHAM, W. S.....	Dr. C. J. Bickham.....	Louisiana
BLAKEWOOD, E. R.....	Dr. B. W. Blakewood.....	Louisiana
BLANC, H. W.....	Charity Hospital.....	Louisiana
BLOOM, J. D.....	Charity Hospital.....	Louisiana
BLUMER, WM.....	Dr. F. G. Renshaw.....	Florida
BOGEL, E. J.....	Dr. R. Schmidt.....	Louisiana
BORDE, R. U.....	Dr. J. F. Borde.....	Louisiana
BRADFORD, P. R.—M. D.....	Atlanta Medical College.....	Georgia
BREWER, DAVID H.....	Dr. J. D. McGregor.....	Texas
BRUNSON, JR., R.....	Dr. D. R. Brunson.....	Arkansas
BUIE, JNO.....	Dr. W. M. Buie.....	Texas
BURNHAM, C. P.....	Dr. Norman Lindsay.....	Arkansas
BURR, R. T.....	Dr. S. J. Smart.....	Louisiana
CARTER, J. L.—M. D.....	University of Louisiana.....	Texas
CHACHERE, HOMER.....	Dr. P. J. Parker.....	Louisiana
CHACHERE, T. C.....	Dr. T. Chachéré.....	Louisiana
CHARBONNET, J. N.....	University of Louisiana.....	Louisiana

*Resident Students of Charity Hospital graduated.

MATRICULATES.	PRECEPTORS.	STATE.
CHAUFF, L. D.....	University of Louisiana.....	Louisiana
CERRY, ELI O.....	Dr. R. A. Hardin.....	Tennessee
CHEW, W. L.....	Charity Hospital.....	Mississippi
CLAVERIE, J. A.....	Dr. J. J. Claverie.....	Louisiana
COCHRAN, W. B.....	Dr. D. L. Phares.....	Texas
COLOMB, B. A.....	Charity Hospital.....	Florida
COMPTON, THOS. J.....	Dr. J. B. Landrum.....	South Carolina
CUNNINGHAM, W. M.—M. D.....	Dr. W. A. Gaston.....	Texas
DALLY, JONATHAN H.....	Dr. Peter Staneill.....	New Jersey
DARLING, JR., JOSEPH.....	Dr. J. R. Phillips.....	Mississippi
DAVISS, E. P.....	Dr. W. N. Sneed.....	Texas
DE GRANGE, JNO. T.....	Dr. G. B. Underhill.....	Louisiana
DIEBOLD, C. B.....	.....	Louisiana
DOUGLAS, G. H.....	University of Louisiana.....	Louisiana
DRANE, JEFF. D.....	Dr. A. J. Hemphill.....	Mississippi
DURINGER, WILL. A.....	New Orleans Charity Hospital.....	Texas
ERWIN, T. T.....	Dr. J. S. Pugh.....	Texas
EVANS, WM. A.....	Dr. W. A. Evans.....	Mississippi
FELDER, G. S.....	Dr. R. M. Swearingen.....	Texas
FERRIER, M. C.....	.....	Louisiana
FIELD, ALBERT S.....	.....	Louisiana
FINNEY, M. L.....	Dr. J. F. Finney.....	Louisiana
FINNEY, WALTER S.....	.....	Louisiana
FORD, E. J.....	University of Louisiana.....	Georgia
FORSYTHE, A. A.....	Dr. J. Ezell.....	Louisiana
FOX, GEO. R.....	Dr. D. R. Fox.....	Louisiana
FULLER, J. E.....	Dr. J. F. Hooks.....	Texas
GARDNER, A. B.....	.....	Texas
GEORGE, B. O.....	Dr. T. E. Cocreham.....	New Mexico
GILLEAN, J. A.....	Dr. A. Chamberlin.....	Texas
GOWAUX, T.....	Dr. Z. T. Gallion.....	Louisiana
GRACE, J. E.,—M. D.....	University of Louisiana.....	Texas
GRANER, E. J.....	Dr. W. H. Watkins.....	Louisiana
GREGORY, F. B.....	Dr. W. A. Gregory.....	Georgia
GROENEVELT, J. T.....	University of Louisiana.....	Louisiana
GRUNEBERG, F. H.....	Dr. J. L. Lyons.....	Louisiana
GUILBEAU, B. H.....	Dr. F. Guilbeau.....	Louisiana
GUYNES, H. L.....	Dr. O. Dulaney.....	Mississippi
HAMILTON, J. W.....	Drs. Hill and Bennett.....	Texas
HARDING, WILLARD A.....	Dr. W. B. Burweil.....	Mississippi
HARKINS, G. W.....	.....	Indian Territory
HARNAN, WM.....	Dr. S. Logan.....	Louisiana
HARPER, J. W.....	Dr. Wm. Sellers.....	Louisiana
HARPER, W. D.....	Dr. H. G. Harper.....	Louisiana
HART, J. H. B.....	Dr. G. H. J. Hart.....	Louisiana
HATCHETT, B.,—M. D.....	Vanderbilt University,	Texas
HAYWARD, H.....	Dr. S. Logan.....	Louisiana
HEINTZ, F. JULIUS.....	University of Louisiana.....	Louisiana
HENDRICKS, JAS. G.,—M. D.....	University of Louisiana.....	Texas
HICKS, D. P.,—M. D.....	University of Louisiana.....	Louisiana
HICKS, D. L.....	.....	Louisiana
HILL, F. M. D.....	Dr. L. D. Hill.....	Texas
HINCKS, W.....	M. Ed. Hincks.....	Louisiana
HINSDALE, WM. G.....	Dr. P. M. Wise.....	Mississippi
HODGE, JAS. F.....	Dr. C. W. Hodge.....	Louisiana
HORN, JNO. H.....	Dr. F. H. Tucker.....	Texas
HOWE, T. G.....	Dr. A. C. Oliver.....	Texas
HUMPHREYS, D. S.....	Dr. N. E. Whitehead.....	Mississippi
INGRAM, J. T.....	Dr. J. P. Mitchell.....	Arkansas
INMAN, B. W.....	Dr. G. H. Peets.....	Mississippi
JACKSON, R. B.....	Dr. C. F. Waller.....	Texas
JARRELL, J. S.....	Dr. H. J. Jarrell.....	Texas

MATRICULATES.	PRECEPTORS.	STATE.
JOHNSON, C. R.,—M. D.	Louisville Medical College.	Texas
JONES, E. S.,—M. D.	Mobile Medical College.	Alabama
JONES, J. C.	Dr. S. W. Acton.	Alabama
KARNES, T. C.	Dr. W. W. Walker.	Texas
KEARNY, FRANCIS J.	Charity Hospital.	Louisiana
KELLY, HUGH.	Dr. C. Beard.	Louisiana
KELLY, W. A.	Dr. J. M. Kelly.	Mississippi
KILBOURNE, H. G.	Dr. Jas. Kilbourn.	Louisiana
KILPATRICK, RALPH.		Louisiana
KING, WALTER B.	Dr. J. C. J. King.	Texas
KNOLLE, B. E.	Dr. J. E. Grace.	Texas
KUYKENDALL, A. C.	Dr. A. A. Wheat.	Mississippi
LACA, AGNE, C. H.	University of Louisiana.	Louisiana
LAMB, JAS. H.	Dr. J. N. Norris.	Iowa
LANE, W. J.	Charity Hospital.	Texas
LARKIN, JNO.	University of Louisiana.	Louisiana
LAURANS, J.	Charity Hospital.	Louisiana
LAWRENCE, H. W.	Dr. J. Deason.	Texas
LEBEUF, L. G.	University of Louisiana.	Louisiana
LEBLANC, L.	Dr. N. D. Young.	Louisiana
LEGENBRE, H. A.	Dr. F. Rogers.	Louisiana
LEWIS, M. D.	Dr. P. J. Parker.	Louisiana
LINES, ARTHUR.		Texas
LOCKHART, D. H.	Dr. J. W. Lockhart.	Texas
LOWE, E. P.	Charity Hospital.	Mississippi
LOWE, MORGAN M.	University of Louisiana.	Louisiana
LOWRY, JR., ROBT.		Mississippi
MCCANE, J. J.,—M. D.	University of Louisiana.	Alabama
MCDOWELL, J. S.	Dr. L. P. Jones.	Texas
MCEINERY, HENRY.	Dr. A. B. Miles.	Louisiana
MCGREGOR, JAS. D.	Dr. J. D. McGregor.	Texas
McKOWEN, E. C.	Dr. J. W. Saunders.	Louisiana
McLENDON, H. H.	Dr. J. H. McLendon.	Texas
McLENDON, J. P.,—M. D.	Dr. Jno. McLendon.	Texas
McLURE, NEIL,--M. D.	University of Louisiana.	Texas
McREYNOLDS, J. H. W.,—M. D.	University of Nashville.	Texas
MARTIN, F. R.	Dr. N. Betournay.	Louisiana
MARTIN, WM. B.	Dr. L. Sexton.	Mississippi
MATHIEU, J. H.		Louisiana
MATTINGLY, A. R.	Dr. F. W. Parham.	Louisiana
MAYFIELD, J. E.	University of Louisiana.	Texas
MAYLIE, A. G.	University of Louisiana.	Louisiana
MAYS, C. E.		Texas
MELANCON, M. C.		Louisiana
MENEFEE, E. L.	Dr. C. C. Francis.	Texas
MEYER, A. J.	Charity Hospital.	Louisiana
MEYER, LOUIS E.	University of Louisiana.	Louisiana
MILLER, L. C.	Dr. U. Prejean.	Louisiana
MONTHUZIN, P.		Louisiana
MOORE, P. ALBERT.	Dr. Geo. K. Pratt.	Louisiana
MORGAN, JOHN,--M. D.		Texas
MURPHY, R. A.	Dr. E. A. Murphy.	Louisiana
NOHA, ADOLPH.		Louisiana
NORMAN, W. B.	Dr. F. M. Sexton.	Mississippi
NOTHACKER, WM.		Louisiana
NOTT, JR., T. E.	Dr. T. E. Nott.	South Carolina
OLLIPHANT, H. S.	Charity Hospital.	Louisiana
OSBURN, W. M.	Dr. T. J. J. Howard.	Texas
PALMER, R. D.	Charity Hospital.	Alabama
PARKER, JNO. L.		Alabama
PARKER, P. E.	Dr. J. N. Brigg.	Arkansas
PARSONS, E. B.	Dr. J. J. Canon.	Texas

MATRICULATION.	PRECEPTORS.	STATE.
PATRICK, ALLEN.....	University of Louisiana.....	Louisiana
PIERCE, ALBERT G.....	University of Louisiana.....	Mississippi
POLLARD, W. J.....	Dr. D. R. Hicks.....	Louisiana
POTHIER, OLIVIER.....	D. J. J. Castellanos.....	Louisiana
PRETUS, P. J.....	.....	Louisiana
PUGH, W. W.....	Dr. T. J. Pugh.....	Texas
RAMSAY, C. H.....	Dr. L. Carr.....	Mississippi
RAND, J. T.....	Dr. N. D. Young.....	Louisiana
RANDALL, T. C.,—M. D.....	Vanderbilt University.....	Mississippi
RATLIFF, W. A.....	Dr. R. T. Edwards.....	Mississippi
RAWLINGS, H. S.....	Dr. Parham.....	Louisiana
RAY, W. D.....	Dr. H. G. Long.....	Texas
RICHARDSON, SAM.....	University of Louisiana.....	Louisiana
RILEY, ROBERT L.,—M. D.....	.....	Louisiana
ROCQUET, A. P.....	Jesuits College.....	Louisiana
ROGERS, L. S.....	Dr. J. A. McBride.....	Mississippi
SAHUQUE, L. P.....	.....	Louisiana
SAGRERA, R.,—M. D.....	University of Louisiana.....	Louisiana
SAUTER, E.....	.....	Louisiana
SCHMITTLE, J. F.....	Dr. J. Schmittle.....	Louisiana
SCHWING, SAML. P.....	Dr. S. D. Schwing.....	Louisiana
SCRUGGS, S. D. G.....	.....	Mississippi
SEEMAN, CHAS. L.....	Charity Hospital.....	Louisiana
SHARP, THOS. H.....	Dr. B. A. Vaughn.....	Mississippi
SHROPSHIRE, L. L.....	Dr. F. E. Young.....	Texas
SINGLETON, M. E.,—M. D.....	.....	Louisiana
SPARKMAN, J. T.,—M. D.....	.....	Texas
STELL, W. M.....	Dr. G. W. Bedford.....	Texas
STEPHENS, G. H.....	Dr. C. F. Waller.....	Texas
STEPHENS, JR., J. S.....	Dr. J. S. Stephens.....	Louisiana
STEPHENSON, H. W., M. D.....	Alabama Medical College.....	Alabama
SWAFFORD, J. A.....	Dr. B. B. Pearson.....	Texas
SWAN, JULIUS.....	.....	Louisiana
SWANN, A. R.....	Dr. E. R. W. McCrary.....	Texas
SWIFT, T. J.....	.....	Tennessee
TARLETON, M. B.....	Dr. S. D. Trahan.....	Louisiana
TAYLOR, T. B.....	Dr. J. W. Smith.....	Texas
THIBODAUX, OSCAR J.....	University of Louisiana.....	Louisiana
THIELE, HENRY.....	Dr. W. B. Gill.....	Louisiana
THOMAS, JOHN N.....	Dr. T. J. Buffington.....	Baton Rouge
THOMPSON, J. M.,—M. D.....	.....	Texas
THROU, D. M.....	.....	Louisiana
TUCKER, F. H.,—M. D.....	Dr. I. J. Roberts.....	Texas
TURNER, F.....	Dr. R. Turney.....	Louisiana
VAN BENTHUYSEN, E.....	University of Louisiana.....	Louisiana
VANCE, A. J.,—M. D.....	Vanderbilt University.....	Arkansas
VAUGHAN, W. R.....	University of Louisiana.....	Texas
VIVES, JR., NUMA.....	University of Louisiana.....	Louisiana
WALKER, ROBT. R.....	University of Louisiana.....	Texas
WATKINS, ARCHIBALD S.....	.....	Texas
WATKINS, BEN D.....	Dr. J. M. Watkins.....	Mississippi
WATKINS, J. E.....	Dr. H. J. Jarrell.....	Texas
WATKINS, W. A.....	University of Louisiana.....	Texas
WELLS, J. M.....	.....	Mississippi
WEST, W. O.....	Dr. J. West.....	Louisiana
WHITE, SAMUEL J.....	Dr. De Jernett.....	Texas
WICKER, J. B.....	.....	Arkansas
WILKINSON, JAMES H.....	Dr. A. Fairly.....	Mississippi
WIMBISH, J. W.,—M. D.....	University of Louisiana.....	Texas
WITT, J. H.....	Dr. J. H. Rentz.....	Texas
WITT, J. M.....	Dr. J. Haley.....	Texas
WRIGHT, EDWIN.....	Dr. Jno. Wright.....	Mississippi
YATER, W. M.....	Dr. A. M. Douglass.....	Texas
YOUNG, E. A. S.....	Drs. Oatis and Oatis.....	Mississippi

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TULANE UNIVERSITY

OF

LOUISIANA.

1886-87.

NEW ORLEANS, LA.

TULANE UNIVERSITY

OF

LOUISIANA.


CATALOGUE, 1885-86.

COURSES OF INSTRUCTION.

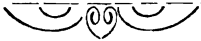
HIGH SCHOOL, COLLEGE, UNIVERSITY, LAW
AND MEDICAL DEPARTMENTS.

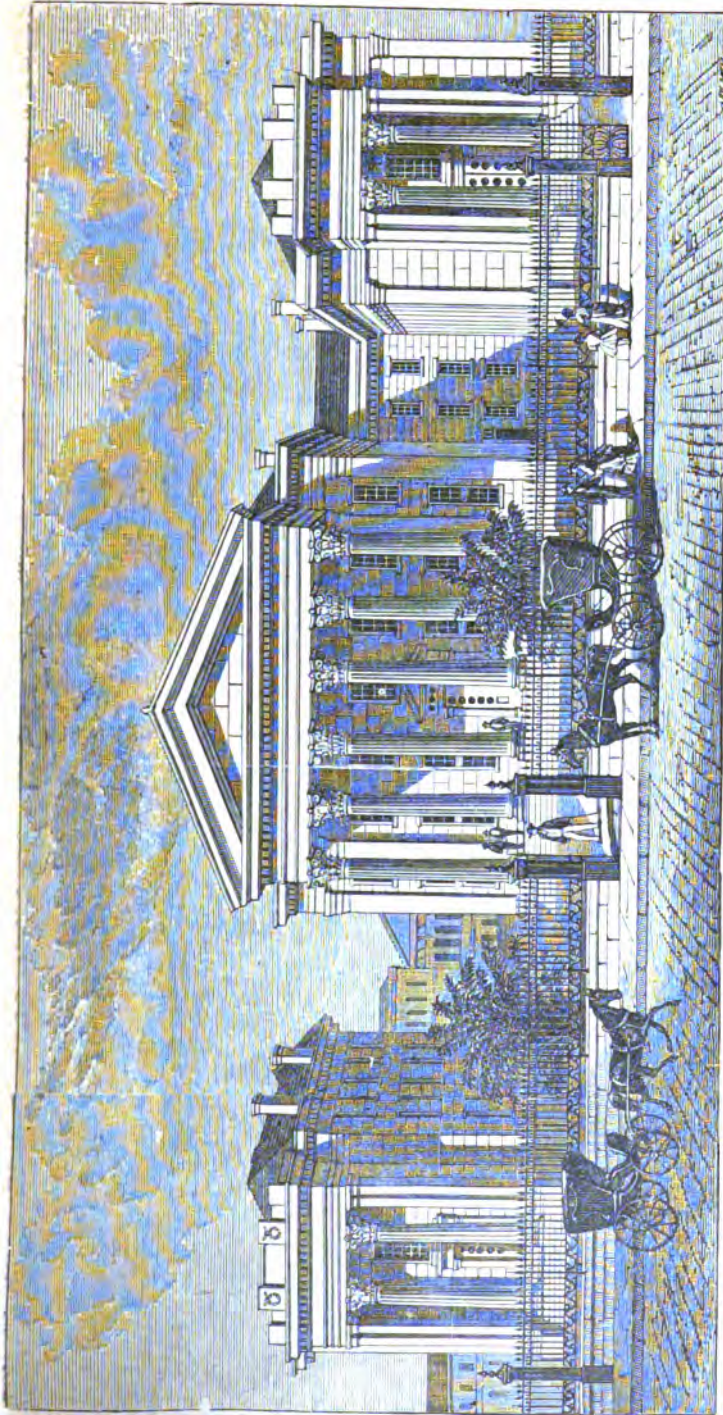
1886-1887.

NEW ORLEANS,
1886.



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TULANE UNIVERSITY OF LOUISIANA.—COMMON STREET BUILDINGS.

ACADEMICAL BUILDINGS, TULANE HALL.

CALENDAR.

—o—
SESSION OF 1886-87.
—o—

1886.

OCTOBER 4, 5, 6.....Entrance Examinations.
MONDAY, OCTOBER 7.....College and High School open
MONDAY, OCTOBER 18.....Department of Medicine opens.
MONDAY, NOVEMBER 22.....Department of Law opens.
THURSDAY, DECEMBER 9.....Second Quarter begins.
FRIDAY, DECEMBER 24.....Christmas Holidays begin.

1887

MONDAY, JANUARY 3.....Studies resumed in College and High
School.
FRIDAY, FEBRUARY 11.....Intermediate Examinations begin.
THURSDAY, FEBRUARY 17....Third Quarter begins.
WEDNESDAY, MARCH 30.....Commencement, Medical Department.
MAY.....Commencement, Law Department.
THURSDAY, APRIL 21.....Fourth Quarter begins.
MONDAY, JUNE 13.....Final Examinations begin
THURSDAY, JUNE 23.....Commencement, College and High School.

THE TULANE UNIVERSITY.

HISTORICAL STATEMENT.

The Tulane University came into existence as such by operation of law in July, 1884. In the year 1882, Mr. Paul Tulane, of Princeton, New Jersey, made a donation of his real estate in the city of New Orleans to seventeen administrators, chosen by himself, for the purpose of aiding the higher education of the white youth of Louisiana. The original donation yielded \$35,000 per annum, which has been doubled by subsequent gifts from the same benefactor.

The following is a copy of the letter of Mr. Paul Tulane donating his property in New Orleans to education:

PRINCETON, May 2, 1882.

To Messrs. Randall L. Gibson, Chas. E. Fenner, James McConnell, T. G. Richardson, M. D., Edward D. White, E. H. Farrar, P. N. Strong, B. M. Palmer, D. D., Hugh Miller Thompson, D. D., Chas. A. Whitney, Sam'l H. Kennedy, Walter R. Stauffer, Cartwright Eustis, Henry Ginder, John T. Hardie, R. M. Walmsley, and Wm. O. Rogers,

GENTLEMEN—A resident of New Orleans for many years of my active life, having formed many friendships and associations dear to me, and deeply sympathizing with its people in whatever misfortunes or disasters may have befallen them, as well as being sincerely desirous of contributing to their moral and intellectual welfare, I do hereby express to you my intention to donate to you by an act of donation *inter vivos*, all the real estate I own and am possessed of in the said city of New Orleans, State of Louisiana, for the promotion and encouragement of intellectual, moral and industrial education among the white young persons in the city of New Orleans, State of Louisiana, and for the advancement of learning and letters, the arts and sciences therein, my intention being that the benefits shall be applied and expended in the city of New Orleans.

By the term education, I mean to foster such a course of intellectual development as shall be useful and of solid worth, and not be merely ornamental or superficial. I mean you should adopt the course which, as wise and good men, would commend itself to you as being conducive to immediate practical benefit, rather than theoretical possible advantage. I wish

you to establish or foster institutions of a higher grade of learning where the young persons to be benefited shall, upon due examination, be found competent and qualified for admission, both by age and previous training, to receive the benefits of a more advanced degree of educational culture.

Intellectual advancement should be unfettered by sectarianism, but the profound reverence I entertain for the Holy Scriptures leads me to express here the hope, that the educational development intended by this gift, should never antagonize, but be in harmony with the great fundamental principles of Christian truth contained in them.

I express to you now my formal intentions in order to suggest to you the advisability, should you determine to aid me in my purposes, that you should take such steps as may be necessary under the laws of Louisiana, to enable you to accept the donation when made, thus giving me the assurance that my purpose, when executed, will be carried out with fidelity, and be rich in bountiful results.

The fact that property donated for educational purposes is at this time liable to taxation in the State of Louisiana has occasioned me much embarrassment, as I should like to feel that the citizens of that State, who are to be the beneficiaries of this donation, should enjoy its advantages to the full measure of the value of the property donated. There are other States whose laws do not, by taxation, repel such gifts in aid of education, whose wise example, I am assured, will be followed by the State of Louisiana and the city of New Orleans in this instance; and I earnestly urge that you make immediate effort to secure the exemption of this property from taxation, and be constant in so doing until your efforts are successful.

The character of the property donated is to remain unchanged. It cannot be mortgaged, and it cannot be sold nor incumbered in any way, except at the end of not less than fifty years, as hereinafter stated. Mortgaging it or selling it, and the investment of the proceeds in stocks, bonds, or other securities, might and probably would lead to disaster, owing to the uncertain and fluctuating nature of the value of securities of every description. On the other hand, the real estate, the title to which I intend to donate to you, is well located, and cannot fail to increase in value as the city shall become prosperous.

You must keep the property well insured in solvent offices and in good repair, so that the best rental possible may be realized.

The plans and details of any organization, corporate or otherwise, must of necessity be left to your own judgment; but I desire to communicate to you my wishes in such manner as to enable you more fully to enter into the motives which impel me, thereby enabling you completely to enter into my thoughts and purposes.

Of course whatever I may determine to donate to you, should you conclude to organize, will be (whilst leaving you the absolute owners of

the property) with the object of enabling you, in your discretion, to use the revenues for the purposes already by me mentioned.

I suggest and recommend—1. That in your organization, whatever form it may assume, my friend, Gen. Randall Lee Gibson, be your chairman or president, and that Judge Chas. E. Fenner and James McConnell may be vice-presidents or vice-chairmen. 2. That you provide for the filling of any vacancies in your number by death, resignation or otherwise, by election. 3. That whilst my desire is that you shall continue my purpose for more than fifty years, nevertheless I would consider it no violation of those wishes should you, when organized, determine, after fifty years, no longer to perform the duties incident to the ownership of this property which I may donate, and the income of which, I have expressed the desire, that you administer, as aforesaid; in that event I suggest that you distribute the property, or the proceeds from the sale thereof, among such educational or literary institutions, or for such educational purposes as you may determine, in the city of New Orleans, as are contemplated by this donation. 4. In order that there shall be no doubt in regard to my intentions, I will say it is not my desire to bind you to distribute the incomes or benefits of the fund or property to any particular school, college, or institution of learning, or to create any claim on the part of any school, college, or institution of learning, to any distributive share; nor do I design to subject you collectively or individually to any responsibility to those intended to be benefited, or to any individual responsibility of any sort for the management of the property and fund, which may be by me donated.

I have entire confidence that you will carry out with wisdom, equity and fidelity my expressed suggestions. It would be personally agreeable to me if you would retain the services of Mr. P. N. Strong, of New Orleans.

In order to prevent misapprehension, I desire to say you should, of course, make such disbursement as you may deem it fair to expend in the employment of any necessary agents or otherwise, and especially to keep the property well insured, and in a proper state of repair.

With devout gratitude to our Heavenly Father for enabling us to form these plans, and invoking his divine blessing upon you and your counsels, and upon the good work proposed among the present and future generations of our beloved Crescent City,

I remain, with great respect,

Your friend and humble servant,

PAUL TULANE.

MR. TULANE, the munificent patron of education in this State, is a native of New Jersey, and came in 1822 to New Orleans, where he was engaged in business as a merchant for fifty years. His whole heart and all his sympathies were with the city of his adoption, where his name stands as the most honored of her citizens. In 1884, by a contract with the State of Louisiana, the administrators of the Tulane Educational Fund became the administrators of the University of Louisiana in perpetuity, agreeing to devote their income to its development, and to establish thereon the Tulane University of Louisiana.

The University of Louisiana had its origin in the Medical Department, which was established in 1834. This school has numbered among its professors and alumni the most distinguished medical men of Louisiana and the South.

The Constitution of Louisiana of 1845, contained the provision: "An University shall be established in the City of New Orleans. It shall be composed of four faculties, to-wit: one of Law, one of Medicine, one of the Natural Sciences, and one of Letters."

The Legislature in 1847 passed "An Act to establish in the City of New Orleans, the University of Louisiana."

By the Constitution of 1852, 1864 and 1868, the University was formally recognized. The new Constitution of 1879 declared that the University of Louisiana, as then established and located at New Orleans, was thereby recognized in its three departments, to-wit: The Law, the Medical, and the Academical Departments, to be governed and controlled by appropriate faculties.

By Act No. 43, passed by the General Assembly of the State, at the regular session of 1884, the University became

"THE TULANE UNIVERSITY OF LOUISIANA."

A new Board of Administrators was created, composed of the seventeen Administrators of the "Tulane Educational Fund," the Governor of the State, the Superintendent of Public Education, and the Mayor of the City of New Orleans—the last three as *ex-officio* members of the Board.

The Medical Department of the University has now completed the fifty-second year of its existence, and has the greatest prestige throughout the Southern States, not only for the ability and distinction of its professors, but for its unsurpassed means of teaching. It has the great Charity Hospital, with its seven hundred beds and six thousand patients annually, as its school of practical instruction. During this period it has matriculated 8011 students, and conferred diplomas on 2200 Doctors of Medicine and 150 Masters of Pharmacy. In 1883-84 two hundred and twelve students attended the Medical Department; in 1884-5, 223; in 1885-6, 266. Candidates for graduation are required to be twenty-one years of age; to have studied three years; to have attended two courses of lectures, and to pass a satisfactory examination. The Administrators

of the Charity Hospital elect every year fourteen resident students, who are maintained by the institution. Vacancies are filled by competitive examination. Dr. T. G. Richardson, who, for twenty-five years, was dean of the faculty, resigned in 1885, and Dr. Stanford E. Chaillé was elected as his successor. Dr. Richardson still retains his chair in the faculty. There are now seven professors and two lecturers employed in this department

The Law Department was organized in 1847. It has numbered among its professors the most distinguished lawyers of the State, and, though unendowed, a chair in its faculty is esteemed one of the highest honors open to the profession in Louisiana. While the civil law is taught in some other institutions from the amateur standpoint, here, as a basis of the whole legal superstructure and machinery of the State, as the foundation of its civil code and jurisdiction, it is treated as a living organization, not as a fossil. It is taught by those who look at it from the inside. Those who wish to breathe the spirit of the civil law are apt to seek it here. The State Library, a very valuable collection of about twenty-six thousand volumes, is deposited in the law building, and is accessible to the students. The Hon. Randell Hunt, LL. D., long connected with the Law Department, and late President of the University of Louisiana, is Emeritus Rector of the Law Department; Professor W. F. Mellen is its Dean; and the faculty is four in number, including the above named professors.

The Academical Department of the University of Louisiana was opened in the autumn of 1878. It received an annuity of \$10,000 from the State, and met with excellent success for its limited means. In 1883-84 two hundred and twelve students attended the Academical Department, in 1884-85 two hundred and forty-three attended the College and High School, and in 1885-6 two hundred and eighty-four students. During its existence it was enriched by a gift from Mr. Paul Tulane of the handsome building formerly known as the Mechanics' Institute, but more recently as Tulane Hall. It had seven professors, namely, of Latin, Greek, French, German, Spanish, Mathematics and Physics. Professor R. H. Jesse was dean of the faculty, until its absorption into Tulane University, when the office became extinct. The Administrators of Tulane University have added to the faculty a chair of History and Political Science, filled by the President, and chair of Metaphysics, English Language, English History and Rhetoric, Geology and Mineralogy, Botany, Chemistry, Applied Chemistry, and Drawing.

Col. Wm. Preston Johnston, President of the Louisiana State University and Agricultural and Mechanical College at Baton Rouge, was elected President in January, 1883, and authorized to organize an institution of learning under the terms of Mr. Tulane's donation. The acquisition of the University of Louisiana, with its franchises and valuable buildings, gave practical shape to the purposes of the Tulane Board, and

supplied the foundation on which to establish a university. It has now fifteen chairs in the University proper, and a High School Faculty, which, with its Headmaster, has twenty-one professors, assistant professors and instructors. The collection of Physical apparatus is quite extensive and of very high grade. The teaching is in great part by laboratory work, and the apparatus is better adapted to this method of instruction than any in the South. It is hoped that the Chemical Laboratories will, in a short time, be put in an equal state of efficiency, and that development will be attained in sugar manufacture and other industries of the State through the influence of work done here.

The line between University work and Collegiate, or Academic, work is sharply drawn. The former is elective and of the most advanced character. The latter is embraced in a series of equivalent curricula extending through seven years, three in the High School and four in the College, all leading to the degree of Bachelor of Arts, with or without distinction, according to attainment.

A manual training school has been established, at a cost for outfit, exclusive of ground and buildings, of \$48,000. It is considered as the Workshop or Laboratory of the High School for technical training; but other students of Tulane College are admitted to it on easy conditions. It is not intended to teach trades to young men, but to make them experts in the principles and handicraft of wood-working, iron-working and machine construction. The appliances are as nearly perfect, and the scheme of instruction as thorough, as in any institution in the United States. The effort will be made to dignify and elevate labor without interfering with more abstract pursuits. No revolution in education is aimed at; but rather moral expansion and development, through the cultivation of recognized and valuable mental and physical functions and activities; the whole system constituting a rounded and harmonious evolution of the student as man and citizen.

The libraries of the University, besides the State Library already mentioned, contain about 20,000 volumes, with a certain fund for increase of some \$2,000 per annum. The largest hospitality is extended to book lovers and readers.

The fees for admission to any department of the University, except the Medical Department, will be but \$50 per annum, without extras.

The institution is Christian, but not sectarian, and this is construed as extending the largest liberty of invitation to all who love the light of knowledge. The Tulane University, now on the sound basis of a living income, with a corporation secure in its tenure of office and consistent in its plans and purposes; and, with the prestige of a State Institution, and popular favor to aid in its honorable career, has before it, under Providence, a wide sphere of usefulness, and will, it is hoped, prove a potent agency in redeeming Louisiana from its present condition of ignorance and lethargy.

TULANE UNIVERSITY OF LOUISIANA.

BOARD OF ADMINISTRATORS.

Vacancies in the original Board of Administrators have been created by the death of Mr. Charles A. Whitney, and by the resignation of Rev. Hugh Miller Thompson and Wm. O. Rogers. These vacancies have been filled by the election of Wm. F. Halsey, Esq., Rt. Rev. J. N. Galleher, Bishop of Louisiana, and J. C. Morris, Esq.

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INSTRUCTOR IN PENMANSHIP AND BOOK-KEEPING.

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INSTRUCTOR IN DRAWING.

VICTOR LEOVY,
INSTRUCTOR IN STENOGRAPHY.

S. P. DELAUP,
INSTRUCTOR IN PENMANSHIP.

TULANE UNIVERSITY AND COLLEGE.

FACULTY OF ARTS.

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CHAIR OF METAPHYSICS.
Professor to be appointed.

RICHARD H. JESSE,
CHAIR OF LATIN.

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CHAIR OF GREEK AND ENGLISH.

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(Fellow of Johns-Hopkins University),
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CHAIR OF APPLIED CHEMISTRY AND BIOLOGY AND DIRECTOR
OF MANUAL TRAINING.

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PROFESSOR OF CHEMISTRY, GEOLOGY AND CURATOR OF THE MUSEUM.

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PROFESSOR OF DRAWING.

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PROFESSOR OF PHYSIOLOGY AND HYGIENE.

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PROFESSOR OF GERMAN.

ALCÉE FORTIER,
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J. A. FERNANDEZ, M. D.,
PROFESSOR OF SPANISH.

GEO. GESSNER, A. M.,
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WM. WOODWARD (Mass. Normal Art School),
PROFESSOR OF DRAWING.

ANNUAL CATALOGUE, 1884-85.

ELLSWORTH WOODWARD,
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ARTHUR S. WHEELER, A. M.,
ASSISTANT PROFESSOR OF MATHEMATICS.

JOHNSON ARMSTRONG,
ASSISTANT PROFESSOR OF LATIN AND MATHEMATICS.

ARSÈNE PERRILLIAT, B. Sc.,
ASSISTANT PROFESSOR OF PHYSICS AND CHEMISTRY.

FLORIAN CAJÖRI B. Sc. (University of Wisconsin),
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INSTRUCTOR IN DRAWING.

HENRY J. MALOCHÉE,
INSTRUCTOR IN DRAWING.

CHARLES A. HEATH,
INSTRUCTOR IN IRONWORKING.

EVERETT E. HAPGOOD,
INSTRUCTOR IN WOODWORKING.

VICTOR LEOVY, A. B.,
INSTRUCTOR IN STENOGRAPHY.

S. P. DELAUP,
INSTRUCTOR IN PENMANSHIP.

SUMMARY.—FACULTY OF ARTS.

ACADEMIC STAFF, 1885-1886.

PRESIDENT AND PROFESSORS,	-	-	18
ASSISTANT PROFESSORS, -	-	-	4
INSTRUCTORS, -	-	-	7
			<hr/>
			Total, 29

CATALOGUE OF STUDENTS.

8th Annual Session, 1885-86.

UNIVERSITY STUDENTS.

DELBERT, ALPHONSE F., B.Sc.....	Tulane University of Louisiana.
GILL, CHARLES GRANDISON, A. M.....	" " "
GROENEVELT, JOHN FREDERICK, A. M.....	" " "
RAYMOND, ALFRED, B.Sc.....	" " "

SPECIAL.

CRAWFORD, JAMES	Physical Laboratory.
PARKER, FITZGERALD SALE.....	Mathematics.

ROLL OF COLLEGE STUDENTS.

SESSION 1885-86.

SENIORS.

NAMES OF STUDENTS.	COURSE.	RESIDENCE.	NAMES OF PARENTS OR GUARDIANS.
HOLLAND, ROBERT A., JR.	Class	63 Chestnut st.....	Rev. R. A. Holland.
RAINOLD, FRANK E. E. JR.....	Lit.....	503½ Baronne st....	F. E. E. Rainold.

JUNIOR CLASS.

ARMSTRONG, WILLIAM GREER..	Lit.....	555 Carondelet st ...	Mrs. L. B. Armstrong.
LEWIS, HAMPDEN SIDNEY.....	Nat. Sci..	61 Esplanade st.....	E. S. Lewis.
MCLEOD, WILLIAM CHARLES..	Class.....	211 Prytania st.....	Mrs. M. J. McLeod.

SOPHOMORE CLASS.

ANDRY, PAUL LOUIS.....	Nat. Sci...	295 Marais st.....	Chas. G. Andry.
BORDE, GEORGE URQUHART....	Math.....	252 Canal st	Dr. J. F. Borde.
DYMOND, JOHN, JR.....	Lit.....	Fourth & Chestnut..	Jno. Dymond.
FENNER, ERASMUS DARWIN....	Lit.....	First and Camp.....	Hon. Chas. E. Fenner.
FORMAN, BENJAMIN R., JR....	Lit.....	317 Second st	Benj. R. Forman.
GESSNER, HERMAN J. B.....	Class.....	297 Rocheblave st...	Prof. Geo. Gessner.
HERO, ANDREW, JR.....	Mech.....	Third and Camp.....	Andrew Hero.
JOHNSON, WILMER H.....	Mech.....	85 Erato st.....	L. Johnson.
LEVY, LEON ADOLPHE	Lit.....	509 Magazine st.....	F. U. Levy.

MAAS, CHARLES.....Nat. Sci...Royal and Bienville. Dr. B. Maas.
MALOCHEE, HENRY J.....Mech.....51 Esplanade st.....P. Malochee.
MIDDLEMISS, PETER R., JR....Math.....481 Carondelet st....P. R. Middlemiss.
PATTON, MERCER WM.....Nat. Sci..221 Washington st...I. W. Patton.
SCHERCK, LEWIS ALCUS.....Nat. Sci..235 Chestnut st.....Isaac Scherck.
SPENCER, WALKER BRAINARD..Nat. Sci..949 Magazine st....Mrs. W. B. Spencer.

FRESHMAN CLASS.

ADLER, JACOB.....Com'l....429 Canal st.....A. Adler.
ALLAIN, ERNEST.....Mech.....73 Colliseum st.....Louis Bush.
AMIS, A. B.....Com'l....Southern Hotel....W. B. Thornton.
BAYNE, HUGH A.....Class.....197 St. Joseph st...Thos. L. Bayne.
BRADY, CULLEN MILO.....Lit.....Alexandria, La.....J. S. Brady.
BROWN, CHARLES H.....Mech.....584 Camp st.....C. H. Brown.
CARTER, THOMAS.....Class.....163 Delachaise st..-Rev. Chas. W. Carter.
CARTER, THOMAS TODD.....Lit.....Second and Camp...Dr. J. Carter.
CHANDLER, WALTER M.....Class.....139 Poydras st.....K. D. Chandler.
CHURCHILL, CHARLES ROBERT..Mech.....1168 St. Charles st...Mrs. M. D. Churchill.
CAIRE, HENRY.....Lit.....Bruly P.O., Baton R. Mrs. J. Caire.
DREYFUS, THOMAS W.....Lit.....257 St. Mary st.....Leon Dreyfus.
ESTOPINAL, ALBERT.....Mech.....St. Bernard P.O., La. A. Estopinal.
FOSTER, JOHN FREDERICK....Class.....250 Washington st...W. H. Foster.
GALLEHER, JOHN BARBEE....Mech.....211 Second st.....Rt. Rev. J. N. Galleher.
GENERELLY, ROGER.....Mech.....282 N. Rampart st...T. Generelly.
HALL, LUTHER EGBERT.....Lit.....Bastrop, La.....B. C. Hall.
HERO, WILLIAM SOMER.....Com'l....Third and Camp...Andrew Hero.
JEWELL, WALTER L.....Lit.....Annunc'n & Orange. E. J. Hart.
JURGIELEWICZ, EDWARD A....Lit.....454 Common st.....Mrs. W. L. Jurgielewicz.
LASHBROOKE, EDWARD LEE...Mech.....73 Colesium st.....Louis Bush.
LEOVY, FRANK ADAIR.....Lit.....221 Jackson st.....H. J. Leovy.
LOWE, LEO GEORGE.....Nat. Sci..30 Jackson st.....Dr. M. M. Lowe.
MILNER, PURNELL M.....Lit.....86 Marengo st.....Dr. U. R. Milner.
NORTON, GILBERT H.....Math.....53 Carondelet st....G. Norton.
PARKER, ROBERT BUCKNER....Mech.....294 Prytania st.....J. M. Parker.
PATTISON, CHARLES E.....Com'l....299 Jackson st.....W. J. Pattison.
PERKINS, ROBERT J., JR....Lit.....Carrollton, La.....R. J. Perkins.
REYNOIR, FREDERICK A.....Mech.....9 Chartres st.....A. Reynoir.
ROMAN, GEORGE.....Lit.....92 Esplanade st.....Hon. A. Roman.
SOCOLA, ANGELO WILLIAM....Com'l....138 Decatur st.....A. Socola.
SOMPAYRAC, ALEX. H.....Math.....Natchitoches, La...A. E. Sompayrac.
VAUGHAN, THOS. WAYLAND...Nat. Sci..Jonesville, Texas...S. F. Vaughan.

RECAPITULATION:

University.....	4
Special.....	2
College—Seniors.....	2
“ Juniors.....	3
“ Sophomores.....	15
“ Freshmen.....	33
Total.....	59

ROLL OF HIGH SCHOOL STUDENTS.

SESSION 1885-86.

SUB-FRESHMAN CLASS.

NAMES OF STUDENTS.	COURSE.	RESIDENCES.	PARENTS OR GUARDIANS.
ANGELL, SAMUEL M.....	Class.....	184 Julia.....	Dr. S. M. Angell.
BERNARD, VICTOR LEONCE....	Nat. Sci..	174 Bayou Road....	P. V. Bernard.
BOGEL, CLAUD W.....	Com	400 Camp st.....	Wm. Bogel.
BEHAN, WALLACE CHARLES...	Mech	383 Carondelet st...	Mrs. B. Behan.
BAILEY, JONAS W.....	Com	540 Baronne.....	J. W. Bailey.
CAIRE, ARTHUR.....	Nat. Sci..	989½ Magazine....	Mrs. M. E. Caire.
CAIRE, SEBASTIAN NEMOURS...	Mech ...	989½ Magazine....	Mrs. M. E. Caire.
CUNNINGHAM, MILTON JOB....	Lit.....	330 St. Charles.....	M. J. Cunningham.
CONRAD, PAUL, JR.....	Lit.....	266 Bayou Road....	Paul Conrad.
CHALARON, FRANK.....	Math.....	73 Esplanade.....	J. A. Chalaron.
DUFOUR, WM. CYPRIEN.....	Nat. Sci..	173 Carondelet st....	Elmore Dufour.
DYKERS, REGINALD.....	Com.....	429 Carondelet st....	R. H. Dykers.
FRANK, WALTER SEYMOUR....	Mech.....	Camp & Delachaise.	W. Frank.
GODCHAUX, ALBERT.....	Nat. Sci..	182 Esplanade.....	Leon Godchaux.
GIRAULT, BURLING WHITTELL..	Class.....	55 Esplanade.....	Rev. J. F. Girault.
GROENEVELT, EDWARD C.....	Mech	509 Carondelet st....	Ed. F. Groenevelt.
GILL, HENRY MILLER.....	Class.....	247 Terpsichore....	T. M. Gill.
HUNTER, ALBERT L.....	Lit.....	Waterproof, La....	N. B. Hunter.
HARDIE, WM. FRIERSON.....	Class.....	229 Jackson.....	W. T. Hardie.
HERNSHEIM, CHARLES.....	Com	963 St. Charles.....	S. Hershheim.
HEINTZ, EDWARD J.....	Lit.....	77 Second st.....	Rev. L. P. Heintz.
HOLT, WM. ELDRED.....	Mech	324 St. Mary.....	Mrs. E. A. Holt.
HOLMES, ROBERT HAYES.....	Com	50 Olivier st Algiers.	Mrs. J. H. Holmes.
IVY, ERNEST.....	Mech	Chestn't & Ferdin'd.	Rev. J. A. Ivy.
JOUBERT, FREDERICK LION....	Com	46 Carondelet st....	L. Joubert.
JONAS, EDWIN A.....	Math.....	254 First st.....	Hon. B. F. Jonas.
KREEGER, SAMUEL G., JR....	Com	199 Thalia st.....	S. G. Kreeger.
KEARNY, WARREN.....	Com	423 Carondelet st....	J. W. Kearny.
KERNAN, BENJAMIN WALL....	Lit.....	693 Prytania	H. P. Dart.
LEWIS, ALFRED JOSHUA.....	Lit.....	57½ Esplanade.....	A. J. Lewis.
LAPHIER, HARRY PENROSE...	Mech	212 Seventh st.....	J. S. Lanphier.
LORET, FRANCIS CLAIBORNE JR.	Mech	189½ Erato.....	F. C. Loret.
MCCORKINDALE, WM. J.....	Mech ...	391 Baronne.....	W. McCorkindale.
MCBRYDE, ALFRED DAVIDSON..	Mech	699 Baronne.....	Mrs. L. W. McBryde.
MENAGE, HENRY EDWARD....	Lit.....	Esplanade & Prieur.	H. Menage.
MARTINEZ, RICHMOND JAMES..	Nat. Sci..	132 Jackson.....	F. P. Martinez.
OTIS, ROWLAND.....	Com .	94 Felicity st.....	Henry Otis.
OWEN, ALLISON.....	Mech	Third and Chestnut.	Wm. M. Owen.

PARHAM, EUGENE F.....	Mech	135	Canal.....	E. F. Parham.
PEETE, RICHARD.....	Math	507	Baronne.....	G. A. Peete.
PALFREY, WILLIAM SKILLMAN.....	Mech	329	Coliseum.....	E. A. Palfrey.
PIPES, EVANS.....	Math		Bastrop, La.....	J. N. Pipes.
PETERS, URBAN J. W.....	Nat. Sci.	247	Third st.....	Mrs. I. H. Peters.
PARKER, JAMES P.....	Math	294	Prytania.....	Jno. M. Parker.
REED, WARREN B.....	Math		Hillary & Zimple...	Prof. L. C. Reed.
RAINOLD, MOZART W.....	Nat. Sci.	503 1/2	Baronne.....	F. E. Rainold.
ROSS, EDWARD JOSEPH.....	Com	297	First st.....	Robt. Ross.
ROMAIN, ARMOND G.....	Mech	349	Marais.....	A. G. Romain.
ROSENBERG, ABRAHAM.....	Com	72	Canal.....	B. Rosenberg.
SHELDON, CHAS. E.....	Lit	302	Royal.....	W. J. Sheldon.
STEWART, JOHN NELSON.....	Nat. Sc.	237	Philip.....	Andrew Stewart.
TRIMBLE, WM. GUTHRIE.....	Mech	272	Camp.....	J. M. Trimble.
THROCKMORTON, CHAS. W.....	Mech		Jackson Barracks...	Maj C. B Throckmorton
TEBAULT, CHRISTOPHER H. JR.....	Nat. Sci.	7	North st.....	Dr. C. H. Tebault.
VILLERÉ, HENRY L.....	Nat. Sci.	331	Marais.....	L. C. Villeré.
VON GOHREN, LOUIS H., JR.....	Math	726	Dauphine.....	Dr. L. H. Von Gohren.
WATERMAN, GEO. ABBOTT.....	Math	240	Jackson.....	T. S. Waterman.
WILLIAMS, HARPER.....	Lit	44	Union.....	U. Williams.
WOOD, BRINGIER TRIST.....	Class	504	Baronne.....	R. C. Wood.

INTERMEDIATE CLASS.

ADAMS, JOHN JOSIAH.....	Com	279	Prytania.....	J. I. Adams.
ABBOTT, JOHN WILLIAM.....	Mech	292	State st.....	A. L. Abbott.
APP, WILLIAM SIDNEY.....	Com	199	Baronne st.....	E. C. App.
BECHET, ALBIN CHARLES.....	Com	130	Royal st.....	A. A. Bechet.
BROOK, WM. H. DARK JR. ...	Com	307	Annunciation...	W. H. D. Brook.
CHAMPLIN, WM. FERDINAND..	Com	503	N. Claiborne....	W. S. Champlin.
DENNEE, JNO. STEWART.....	Com	421	S. Rampart....	R. S. Dennee.
DEPASS, MORRIS BARNETT....	Com	34	Desiré.....	P. O. DePass.
DRUILHET, FREDERICK JOSEPH.....	Com		Jeannerette, La....	N. Druilhet.
DUMESTRE, ALEXIS CASIMER..	Com	310	Chippewa.....	Mrs. B. E. Dumestre.
DEPASS, WILLIAM K.....	Com	444	Royal st.....	A. H. DePass.
ELIZARDI, PETER ALFONSE....	Com	114	Mandeville.....	Péter Elizardi.
ELLIS, ROBERT R.....	Com	264	N. Rampart....	W. C. Ellis.
FOSTER, HORACE F.....	Mech	250	Washington....	W. H. Foster.
FOURNET, JOS. GILBERT.....	Com		St. Charles, La....	G. A. Fournet.
GAUTIER, EUGENE.....	Mech		W. Pascagoula, Miss.	F. Gautier.
GODCHAUX, JULES.....	Nat. Sci.	182	Esplanade.....	Leon Godchaux.
GRAVOIS, CHARLES H.....	Mech	24	Barthol'w, Alg'rs.	P. Gravois.
HOLLAND, BOND.....	Class	63	Chestnut.....	Rev. R. A. Holland.
HOLLAND, JAMES.....	Class	63	Chestnut.....	Rev. R. A. Holland.
HERNSHEIM, FRANK.....	Com	963	St. Charles.....	S. Hernsheim.
HARRIS, ARCHIE.....	Com	441	Dryades.....	S. J. Harris.
HASKELL, EDWARD CHEVES....	Nat. Sci.		New Iberia, La....	J. C. Haskell.
HASKELL, JNO. CHEVES, JR....	Nat. Sci.		New Iberia, La....	J. C. Haskell.
HENRIQUES, JAMES CLARK....	Com	343	Josephine.....	A. D. Henriques.
HENRY, WILLIAM B.....	Com	474	Carondelet.....	Wm. Henry.
JARVIS, WALTER THOMAS....	Mech	512 1/2	Dauphine.....	Walter Jarvis.

KEARNY, EDW. NEWTON.....	Com	423	Carondelet.....	J. W. Kearny.
KATZ, LOUIS.....	Nat. Sci.	709	Magazine.....	S. Katz.
LIVAUDAIS, LOUIS ADOLPHE...	Mech	173	Terpsichore.....	L. A. Livaudais.
LEGARDEUR, JOSEPH R.....	Com	203	Esplanade.....	G. LeGardeur.
MCLAUGHLIN, HENRY F.....	Com	103	St. Ferdinand...	Jno. McLaughlin.
MCMAHON, SAMUEL CUTTER..	Com	263	Canal.....	Dr. Wm. McMahon.
MIOTON, JOHN S., JR.....	Com	327	Ursulines.....	J. S. Mioton.
O'ROURKE, JAMES.....	Com	96	Josephine.....	J. O'Rourke.
PARKER, ARTHUR D'EVEREUX..	Lit	294	Prytania.....	Jno. M. Parker.
RARESHIDE, JOHN H., JR.....	Mech	113	Chestnut.....	Jno. H. Rareshide.
SOUTHMAYD, WM. PIKE.....	Lit	767	Carondelet.....	F. R. Southmayd.
SOCOLA, SAN REMO.....	Com	138	Decatur.....	A. Socola.
SEEMANN, GEORGE FRED.....	Lit	513	Royal.....	C. F. Seemann.
STEINAU, LEE.....	Nat. Sci.	235	Chestnut.....	Isaac Scherck.
THIBAUT, PETER ARTHUR.....	Class	12	St. Anne st.....	Jas. Thibaut.
TRAHAN, ANATOLE RAOUL....	Nat. Sci.	126	Royal.....	T. D. Trahan.
WATERMAN, THOS. SCOTT JR..	Mech	240	Jackson.....	T. S. Waterman.
WILTZ, LOUIS G.....	Com	285	Philip st.....	Mrs. L. A. Wiltz.
WEST, ROBERT SIMONSON.....	Com	3	North.....	Dr. Jas. West.
WEAVER, LOUIS A.....	Com	512	Baronne.....	A. C. Weaver.
WOLFE, ARTHUR PRATT.....	Com	483	Carondelet.....	J. B. Wolfe.

PREPARATORY CLASS.

ALCALA, FRANK D.....	401	Villeré.....	F. A. Alcala.
ARMSTRONG, FRANK DUVAL....	266	Sixth.....	Mrs. F. D. Armstrong.
ARMBRUSTER, FRED. WM.....	352	Canal.....	Hon. B. Armbruster.
ABRAHAM, JOS. H.....	194	Jackson.....	H. Abraham.
ANDRIEU, EUGENE.....	215	Dauphine.....	Jules Andrieu.
BURKE, ULIC.....	178	Annunciation.....	P. Mealey.
BAYHI, JULES EDW.....	166	Barracks.....	A. E. Garcia.
BLAFFER, LOUIS A.....	130	Sixth.....	J. A. Blaffer.
BOZANT, FRED. ROBERT.....	62	Constance.....	Jno. Bozant.
BURN, THOS. M.....	907	Magazine.....	S. J. Blossman.
BOUNY, LEONCE.....	265	Dauphine.....	Mrs. Emile Bouny.
BAILEY, JNO. DAVIDSON.....	396	Magazine.....	C. H. Bailey.
BORLAND, WM. TAYLOR.....	88	Annette.....	J. Borland.
BURTHE, LEONCE.....	18	St. Bernard.....	Louis Burthe.
BOND, RICHARD.....	211	Carondelet.....	Mrs. R. C. Bond.
BERNARD, RUDOLPH L.....		Esplanade and Guyozo.	H. C. Bernard.
BAUMGARTNER, JOS. CONRAD..	679	Baronne st.....	F. Baumgartner.
CALDWELL, JNO. W. JR.....	63	Prytania st.....	Prof. J. W. Caldwell.
CAMPBELL, FRANK.....	666	St. Charles.....	Capt. Wm Campbell.
CHRIST, EMILE.....	51	Rampart.....	Leopold Christ.
CHRIST, ROBERT.....	51	Rampart.....	Leopold Christ.
COOK, WALTER H.....	304	Jackson.....	Frederick Cook.
CASSIDY, JOHN V.....	450 1/2	Customhouse.....	J. Cassidy.
CLARK, HARRY HENRY.....	133	Washington.....	S. W. Clark.
CAMPBELL, WM. SIMPSON, JR..	856	St. Charles.....	W. S. Campbell.
CARTER, WILLIAM.....	384	Barracks st.....	W. J. Carter.
DOWE, FLORIAN.....	259	Sixth st.....	Dr. J. P. Davidson.
DUFOUR, ELMORE G.....	173	Carondelet st.....	Elmore Dufour.
DURIEU, ARTHUR, JR.....	415	Canal st.....	A. Durieu.
DUDENHEFER, FERD. PETER...	71	Louisa.....	F. Dudenhefer.

- DINKELSPIEL, EDWARD.....286 Philip st.....M. Dinkelspiel.
DOUGALL, GEORGE H., JR.....165 Clio st.....G. H. Dougall.
DENIS, HARRY RAPHAEL.....43 N. Rampart.....Henry Denis.
- EASTMAN, HENRY C.....551 Baronne.....Mrs. Eastman.
ESTOPINAL, FERNANDO.....559 St. Charles.....A. Estopinal.
ELIZARDI, JAS. WOODS.....114 Mandeville.....Peter Elizardi.
- FRERET, RICHARD.....327 Second.....F. I. Freret.
FRANTZ, WM. LOUIS.....Royal and Bienville....W. Frantz.
FAIRCHILD, FRED.....475 Carondelet.....H. W. Fairchild.
FAURE, ROGER J.....29 S. Claiborne.....P. Faure.
FORSYTH, WILLIAM B.....215 Louisiana Ave....H. D. Forsyth.
FORTIER, FLORENT.....198 Villeré st.....Alfred Fortier.
FREDERICK, EMILE D.....Pratt and Cadiz.....L. J. Frederick.
FORSTALL, ST. MAURICE.....122 St. Louis.....Mrs. L. Forstall.
- GANUCHEAU, WM. J.....238 N. Johnson.....W. Ganuchau.
GELPI, FERNAND J.....287 Esplanade.....P. Gelpi.
GELPI, ALCEE.....287 Esplanade.....P. Gelpi.
GODCHEAUX, EMILE.....182 Esplanade.....Leon Godcheaux
GIVEN, RICHARD ALEX.....553 Carondelet.....D. A. Given.
GARCIA, MICHEL.....Camargo, Mexico.....Octave Aubert.
- HACKNEY, ROBERT N.....229 South Basin.....Robt. Hackney
HARDIE, ROBERT TIMMONS.....229 Jackson.....W. T. Hardie.
HARRIS, ALEX. CHAS.....241 North Rampart....A. Harris.
HARRIS, CHARLES S.....241 North Rampart....A. Harris.
HATKINSON, BENJAMIN, JR.....216 Bayou RoadB. Hatkinson.
HERNANDEZ, EMILE T.....245 North RampartEd. Hernandez.
HERNDON, PRESTON.....Fourth and Prytania ...T. C. Herndon.
HUGUET, CHARLES K.....314 Carondelet.....Dr. Chas. E. Kells.
HARRIS, WALTER J.....547 Carondelet.....Edwin Harris.
HAYWARD, S., JR.....177 Annunciation.....S. Hayward.
HELLWEGE, PETER E.....1306 St. Charles.....Peter Hellwege.
- IRION, HENRY A.....Marksville, La.....Hon. A. B. Irion.
- JORDON, LOUIS C.....475 South Rampart....W. A. Jordon.
JUNG, THEO. A.....354 Hospital.....Lewis Jung.
JOOR, SAMUEL FINLEY.....Laurel and Bordeaux...Prof. J. F. Joor.
- KEPPLER, CHAS. S.....461 Dryades.....B. C. L. Keppler.
KENNARD THOS. CUSHMAN.....641 St. CharlesJ. H. Kennard.
- LANPHIER, EDWARD.....212 Seventh.....J. S. Lanphier.
LEWIS, CHARLES UNCAS JR.....Algiers.....C. U. Lewis.
LEBRETON, CHARLES.....198 Villeré.....Edmond LeBreton.
LAZARD, JULES.....285 Esplanade.....C. Lazard.
LYONS, GEORGE JONAS.....584 St. CharlesI. L. Lyons.
LOWE, ROBERT LEE.....118 Constance.....T. J. Lowe.
- MULLAN, EDWARD R.....224 Pleasant.....H. J. Mullan.
MANADÉ, F. MAURICE.....205 Bourbon.....M. Manadé.
MCDONALD, HUGH JOSEPH, JR.....318 Washington.....H. J. McDonald.
MOSS, RUSSEL JACOB.....61 Lessepps.....Mrs. A. Moss.
MURPHY, ROBERT.....527 Fulton.....Edward Murphy.
MORAN, EDW. B.....381 St. Charles.....P. Moran.
MEHLE, ALLIE.....259 Jackson.....C. Mehle.
MONTAGNET, OCTAVE.....201 St. Philip.....O. N. Montagnet.
MATHEWS, JEFFERSON J.....Gretna, La.....F. L. Mathews.
MARTIN, PAUL.....349 Burgundy.....August Martin.
MOORE, DANIEL.....Sugartown, La.....J. W. Moore.
MADDUX, CLEMENT THOS.....310 Canal st.....Thos. H. Maddux.

O'NEILL, CHAS. A.	Franklin, La.	Jno. A. O'Neill.
O'DONNELL, ALEX. C.	383 North Rampart.	Hon. L. O'Donnell.
PALFREY, ROBT. J.	Esplanade and Dupré	G. W. Palfrey.
PALFREY, RICHARD H.	Esplanade and Dupré	G. W. Palfrey.
PERKINS, W. M.	109 Coliseum	Mrs. B. Perkins.
PITOT, DANIEL	Coliseum and First	Mrs. E. Pitot.
PETRICH, N. L.	279 Elysian Fields	N. J. Petrich.
PEETE, WILLIAM R.	507 Baronne	G. A. Peete.
PAGE, WILMER	347 Esplanade	Mrs. J. A. Chambers.
PATTON, IRVING HODGSON	Summit, Miss	W. L. Patton.
RICHARDSON, JOHN S.	247 Felicity	Jno. B. Richardson.
RICHARDSON, WM. COLEMAN	247 Felicity	Jno. B. Richardson.
ROSSNER, EDWARD	Gretna, La	C. W. Rossner.
RICHARDSON, THOMAS FARRAR	249 Foucher	H. B. Richardson.
ROSS, WILLIAM	297 First	Robt. Ross.
RAINOLD, EMILE FREDERICK	503½ Baronne	F. E. Rainold.
SAUCIER, CHARLES ELLIS	392 Burgundy	Mrs. M. A. Saucier.
SCHNEIDAU, ARTHUR JAMES	201 Esplanade	P. M. Schneidau.
SEGRAVE, WM. THOMAS	64 Louisa	Jas. J. Segrave.
SMITH, EDWARD N.	83 Claiborne	Mrs. E. D. Smith.
STEWART, ANDREW, JR.	237 Philip	Andrew Stewart.
SCOTT, JOSEPH T., JR.	143 St. Charles	Dr. Jos. T. Scott.
TURNER, BLACKMAN	302 Philip	Sumpter Turner.
THOMAS, JNO. R.	337 North Robinson	Gen'l L. Thomas.
TREPAGNIER, NORTON, JR.	Algiers, La.	N. Trepagnier.
TURNER, JAMES W.	128 Mandeville	Laurence Turner.
VALLETTE, GORDON F.	Algiers, La.	F. Vallette.
VOORHIES, JOHN EATON	131 St. Bernard	Paul Voorhies.
VOSS, JAMES A.	400 St. Claude	Jas. Campbell.
VINET, ALBERT	113 Union	N. Vinet.
WATKINS, LEIGH	444 South Rampart	J. T. Watkins.
WATKINS, WM. RAGLAN	444 South Rampart	J. T. Watkins.
WILSON, EDWARD JAMES	134 Melpomene	Mrs. J. Lang.
WOOD, WALLACE, JR.	Camp and Gen. Taylor	Wallace Wood.
WOESTE, RUDOLPH LEWIS	Third and Prytania	R. L. Woeste.
YOUNGS, ELIAS HICKS	1533 St. Charles	W. C. Flower.

RECAPITULATION: HIGH SCHOOL,

Sub-Freshman Class	59
Intermediate Class	48
Preparatory Class	121
Total	228

TULANE UNIVERSITY OF LOUISIANA.

PLAN OF EDUCATION.

Tulane University is an institution founded on the endowment of that patriotic and benevolent citizen, Mr. Paul Tulane, for the higher education of the white youth of Louisiana. The Administrators of Tulane University recognizing the great fact that education is a unit, integral from its very nature, and looking to the actual condition of things in Louisiana, find themselves obliged to embrace in their scheme, a plan both broad and deep, and to institute, for the successive phases of educational development, a High School, a College and a University. Taking the youth on the threshold of the higher education, this plan proposes, through judicious instruction, to train him to know, to do, and to be, and thus to develop a consistent manhood by means of this harmonious and equable evolution of body, mind and soul.

Tulane University of Louisiana is divided into Tulane University, Tulane College and Tulane High School, the Law Department and the Medical Department.

TULANE HIGH SCHOOL.

Three years are allotted to the earlier academic life of the HIGH SCHOOL, which should fit the pupil for the College, or for an ordinary, practical business career. Throughout the High School the attempt will be made toward a normal adjustment of that physical, mental and moral training, which is so much praised, and so little practiced. The hand, the eye and the muscles are trained both by gymnastic exercises under a teacher, and by that handwork in wood and iron, which is now admitted to be the true basis of the best mechanical education, and is claimed to confer so many other benefits. We recognize in it a most useful adjunct in all efforts for a harmonious human evolution, and that it has its place in all thoroughly co-ordinated schemes of education.

The purpose throughout is *training*: the means employed are those branches best adapted to considerable bodies of students. But we do not expect, or desire manual training to supersede, or be substituted for, other well established courses of training sanctioned by the experience of wise and conservative men. Our Motto is "Evolution, not Revolution."

Hence the Manual Training School is not a separate department of Tulane University, but the laboratory in wood and iron, where instruction and practice render the student quick, observant and accurate with the eye; ready, skillful and exact with the hand, and able to think *in* things, as well as *about* them, and to execute as well as to describe.

In this physical and mechanical training, Drawing is considered fundamental, and enters into every course. Every student who enters the High School learns to draw, while those who propose a mechanical career carry it to its last results in the applied arts.

Penmanship and accounts are also taught as practical studies.

Another branch of knowledge which is taught to every student is Physiology and Hygiene. It is taught by an eminent and experienced Professor, the Dean of the Medical Faculty, in interesting lectures specially adapted to the age and advancement of these young students, and it is believed that this instruction will result in incalculable good. They are afterwards examined on the lectures by a competent Physiologist and teacher.

The instruction in the High School is given in six parallel and equivalent courses of study, to-wit: 1st, Classical. 2d, Literary. 3d, Natural Science. 4th, Mathematical. 5th, Mechanical. 6th, Commercial.

The studies to be pursued in each course are contained in the schedule hereto annexed.

The entire instruction, intended directly for the mental, and indirectly for the moral, development of the pupils, leads to the six courses of study of the College, which, as set forth more particularly hereafter, are intended to fit students with special reference to their chosen pursuits in life.

The High School proposes to give a solid practical education, which shall be exact and thorough, as far as it goes, and shall fit the pupil for a further College Course, or for an entry on the apprenticeship of a practical career.

There are three classes in the High School, which are termed Preparatory, Intermediate and Sub-Freshman. To enter the High School requires a good elementary education in Reading, Writing and Arithmetic, including per centage, and its applications, with the ordinary school knowledge of Geography and History, and the elementary principles of English and Grammar.

In the Preparatory Class all the students have the same studies, except where French or Spanish is substituted for Latin, as will be observed by referring to the Schedule of Courses of Studies. The studies slightly in the Intermediate Class, and still more widely in the Sub-Fresh-

man Class. But, in all the courses, English, and other language, Mathematics, Elementary Natural Science, Drawing and Wood Working are taught, and the effort is made to train all the intellectual faculties, while imparting that knowledge which will be found most available in the practical affairs of life.

Three hours are given to recitations, and two hours to Manual Training or Drawing, daily, except Saturdays. Studies must be carried on at home. The opening exercises are at 8.45, A. M.

No student can enter any class, or pass to a higher one, without being fully and really prepared for it, and evincing this preparation by a satisfactory examination.

The student who receives a diploma in the High School will have had thorough training in Drawing and Handworking, in the usual English studies, including Mathematics, through Plane Geometry and Algebra, and in a partial course of one or more ancient or modern languages, with some other special requirements named in the schedule.

The student who finishes any one of the six regular courses of the High School will be entitled to a DIPLOMA; and, if he has attained superior excellence in any of them, or pursued other studies to an extent to warrant such meritorious notice in the opinion of the Faculty, he will be granted a Diploma with Distinction.

TULANE COLLEGE

rests upon its High School, of which it is the proper outcome. It covers, with four years of solid collegiate instruction and training, the second great phase of liberal education. Its purpose is to train and discipline the student for the professions or for leadership in the superior walks of the manifold and ever widening spheres of active life.

To attain properly this high aim every faculty of the mind must be disciplined to work efficiently to its appointed ends. And for this discipline every grand division of the complete sphere of human knowledge should be represented in a rounded plan of academic education. Philosophy, History, Mathematics, Natural Science, in its principal realms, and the Languages, which are the expression and embodiment of human thought, all serve as necessary agents in a harmonious evolution of intellect and character, and should all be represented in any scheme or course of study which pretends to give a complete liberal education. To assume, however, that there is only one course which shall do equally well for all, no matter what their intended careers may be, is to take the attitude of the quack who has one nostrum for all human ills.

"A man should be first, and most of all, a man; and hence, as I have said, *all* his faculties must be educated. But to be a man in the highest sense, he must be a thinker and worker in some special thing. Every true man has his appointed place to fill in the grand scheme of Providence.

Be it little or great he should try to fill it adequately. But to do this aright, not only must all his faculties be developed, but some of them must be specially developed. Hence all the faculties are not to be *equally* educated. In their education we must look to this end in view. The education of each man must be adapted, as far as possible, to his proposed work in life. It is plain, therefore, that no one curriculum will suit every mind. There is no panacea in education." *

While this is true, yet this institution accepts the experience of past generations, and that of the wisest educators in this, which declare that, for the highest culture and for the best development in the learned professions, the study of Greek is invaluable; and, to this end, the Classical Course is strongly recommended to all who have the time and ability to pursue it.

Not trusting in the ability of immature students, or even of parents unaccustomed to consider the due proportions and sequence of studies, to properly formulate their own ideals in education, Tulane College has established six courses of study, with prescribed branches, all leading to the degree of Bachelor of Arts. These courses, though leading to different pursuits in life are parallel and fully equivalent in the amount, proportion, and exactness of the training and instruction afforded.

In the grouping and succession of studies in these Courses, while the opportunity is afforded to obtain such sufficient information in all the great realms of human knowledge as should be considered requisite to a liberal education, still greater regard is had to that rigorous training of the faculties which develops intellectual energy and moral power. It is intended that the degree of Bachelor of Arts, which crowns each of these six Courses, shall be an honest testimonial to solid acquirements.

The difference in the courses is somewhat in the sequence of the subjects, largely in the amount of the particular branches pursued, and to a certain extent, in the substitution of studies, equivalent in amount, and as nearly so as possible in intrinsic and disciplinary value to the student.

The courses are denominated, respectively, Classical, Literary, Mathematical, Natural Science, Commercial and Mechanical. Each has four Classes, which retain the time honored names of Freshman, Sophomore, Junior and Senior. In each course of study, and in each year of that course, it has been sought, by a proper and logical arrangement of studies, to carry forward the instruction and the training to a given practical end.

The degree of Bachelor of Arts is conferred for the successful accomplishment of any one of the six regular courses named, and students of extraordinary merit may have added to this, "with distinction."

A comparison of our courses of study, as set forth, with those of the oldest and best in the land will show that we have not diminished the requirements for graduation as Bachelor of Arts, in the amount of studies, the South

* President Johnston's address on "The Work of the University of America," before Carolina College, Jan. 25th, 1884.

and we hope to prove by our strictness in granting degrees that the standard of excellence has not been lowered.

CLASSICAL COURSE.

In the Classical Course, an attempt is made to preserve the foothold of the ancient languages, Latin and Greek, and to afford to the student willing to submit to their invaluable and unsurpassed mental discipline, the opportunity to obtain a solid classical education. Mathematics, including Analytical and Descriptive Geometry, is finished in the Sophomore year.

This course is especially recommended to students aiming at the learned professions.

LITERARY COURSE.

The Literary Course differs from the Classical by the omission of Greek, and the substitution of full courses of Latin, German, French and Natural Science.

MATHEMATICAL COURSE.

In this course Latin and Greek are omitted in the College. Three years of Latin in the High School are given as the linguistic basis of this course in the ancient languages. For the ancient languages a very full course of Mathematics, Mathematical Physics, and Laboratory work is substituted. This course is particularly suitable for those who intend to become civil or electrical engineers.

NATURAL SCIENCE COURSE.

The Natural Science Course differs from the Mathematical by the substitution during the Junior and Senior years of large practice in Chemical and Biological work in the Laboratory in place of Physics and applied Mathematics.

This course is well adapted for students intending to study Medicine or Pharmacy.

COMMERCIAL COURSE.

The need has long been felt in commercial circles throughout the United States for a more liberal education, under higher auspices, of young men intending to pursue a commercial career. The instruction given is too often inadequate in amount, superficial in character, and ill adapted to the development of intellectual and moral power. An effort is made in this course to supply a want.

The linguistic training embraces French, German and Spanish; and these languages are taught not only colloquially, under the most favorable conditions, but in their higher literary and philological aspects. Mathe-

matics is carried through Analytical and Descriptive Geometry. The English, Literary and Philosophical studies and the Natural Sciences are taught as fully as in the Classical Course. To these are added larger studies in Political Economy and Commercial Law, and in Political and Commercial Geography, and in Geology and Astronomy. The practical Book-Keeping of the High School is supplemented by full courses and practice in Type Writing and Short Hand and Telegraphy, and in Life and Fire Insurance and Bank and Railroad accounts. The effort will be made to combine culture with practical business attainments.

MECHANICAL COURSE.

In the Mechanical Course a similar attempt is made to combine culture with practical mechanical training. When the student enters the College, after three years in the High School, his hand training in wood and iron is followed by machine work in metals, and by mechanical construction. This lasts through two years. His drawing is also carried forward into the higher branches of the art.

This Course is closely analogous to the Mathematical Course, except that French is carried further, and, in a general way Applied Mathematics and Practical Mechanics are substituted for Mathematical Physics and Physical research. The hope is entertained that our graduates in this course will not prove inferior to the best students of similar standing elsewhere.

SPECIAL COURSE

FOR STUDENTS IN MEDICINE AND PHARMACY.

In order to give an opportunity for special preparation to Students of Medicine, a Preliminary Course has been established in the College for their benefit. This is strongly recommended by the Faculty of the Medical Department to all such as have not had the advantage of thorough training in the branches taught in it, and will be received as equivalent to one year's study in a physician's office. These branches are Biology, Chemistry, Rhetoric, German, and English Literature, with the privilege of attending a class in Drawing.

The terms for attendance on this Course will be Fifty Dollars, and it will occupy a session of nine months.

TULANE UNIVERSITY.

If the student in a college should feel and act as one under authority, the graduate of the college, who enters on a university career, should recognize that he is called to a higher culture, which does not simply permit, but demands liberty of choice, the exercise of independent thought, an earnest attempt at original investigation and individual conviction. Herein he must receive the inspiration of the scientific spirit and pursue his studies by the scientific method, under the guidance, but not under the authority, of a professor.

Helmholtz says, speaking of academic freedom in German universities: "The majority of the students—who are, as it were, the representatives of the general opinion—must come to us with a sufficiently logically trained judgment, with a sufficient habit of mental exertion, with a tact sufficiently developed on the best models, to be able to discriminate truth from the babbling appearance of truth. * * * Thus prepared, they have hitherto been sent to us by the Gymnasiums. It would be very dangerous for the Universities if large numbers of students, frequented them who were less developed in the above respects. * * * It must not be looked upon as pedantry, or arrogance, if the Universities are scrupulous in the admission of students of a different style of education."

Acting on this view, we differentiate sharply between the work of the College and the work of the University. We leave to the College the disciplinary work of education to be pursued by collegiate or gymnastic methods. We reserve for the University that higher culture pursued in the scientific spirit, which is the true university work. If few, yet our University students must be real, not mere college students with higher titles.

We admit to our University, as candidates for our degrees, the graduates of our own and other colleges with fairly equivalent requirements, and such other persons as shall pass a satisfactory examination on branches of knowledge and studies fully equivalent. University students may select their studies with the approval of the President, and when these have been pursued for two years to the satisfaction of the President and Faculty they shall, after a satisfactory examination and written thesis, approved by the President and Faculty, receive the Degree of Master of Arts.

The Degree of Doctor of Philosophy can be conferred for further and eminent attainments in special branches of knowledge, after two years of study under the direction of the Faculty.

Such is the plan adopted for academic education in the different departments of Tulane University for its work in philosophy and the arts. Its failure would, to some extent, be its own condemnation. Its success will be the best proof of its adaptation to surrounding conditions. We are willing to abide by this test.

TULANE COLLEGE.

TULANE UNIVERSITY OF LOUISIANA.

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Classes	Classical.	Hours per Week.	Literary.	Hours per Week.	Mathematical.	Hours per Week.	Natural Science.	Hours per Week.	Mechanical.	Hours per Week.	Commercial.	Hours per Week.
SENIOR.	Latin..... Greek..... Biology..... Rhetoric..... English..... German..... Mental Science..... Political Science..... Physiology.....	2 2 2 2 2 2 2 2 2	Latin..... Biology..... Rhetoric..... English..... Mental Science..... Political Science..... Physiology.....	5 3 4 3 3 3 1	Chemical Laboratory..... Physical Laboratory..... Mathematical Physics..... Rhetoric..... German..... Mental Science..... Political Science..... Physiology.....	9 6 2 2 3 3 1	Chemical Laboratory..... Biological..... Rhetoric..... German..... Mental Science..... Political Science..... Physiology.....	9 9 2 3 3 3 1	Materials of Construct'n..... Theory of Tools & Mach'y..... Chemical Laboratory..... Rhetoric..... Mechanics..... German..... Mental Science..... Political Science..... Physiology.....	3 3 6 2 4 3 3 2 1	Accounts..... Commercial Law..... Rhetoric..... German..... Mental Science..... Political Science..... Physiology.....	5 2 2 3 3 2 1
JUNIOR.	Latin..... Greek..... English..... History..... German..... Mental Science..... Chemistry..... Astronomy.....	3 3 2 2 2 2 2 1	Latin..... English..... History..... German..... Mental Science..... Chemistry..... Geology..... Astronomy.....	5 3 2 2 3 3 2 1	Physical Laboratory..... Analytical Mechanics..... English..... History..... German..... Mental Science..... Chemistry..... Geology..... Astronomy.....	6 3 2 1 4 3 4 2 1	Chemical Laboratory..... English..... History..... German..... Mental Science..... Chemistry..... Geology..... Astronomy.....	6 3 1 4 3 4 2 1	Practical Mechanics..... Analytical Mechanics..... English..... History..... German..... Mental Science..... Chemistry..... Geology..... Astronomy.....	4 3 2 1 4 3 4 2 1	Accounts..... English..... History..... German..... Mental Science..... Chemistry..... Chemical Laboratory..... Geology..... Astronomy.....	6 2 1 1 4 3 4 2 1
SOPHOMORE.	Latin..... Greek..... Rhetoric..... English..... French..... Mathematics..... Physics.....	4 4 2 2 2 3 5	Latin..... German..... Rhetoric..... English..... French..... Mathematics..... Physics.....	4 4 1 2 5 3 5	Physical Experimenta'n..... Rhetoric..... English..... French..... Mathematics..... Physics.....	2 1 2 5 6 5	Physical Experimenta'n..... Rhetoric..... English..... French..... Mathematics..... Physics.....	2 1 2 5 6 5	Physical Experimenta'n..... Drawing..... Manual Training..... Rhetoric..... English..... Mathematics..... Physics.....	2 5 5 2 1 5 5	Weights, Measures & Coins..... Telegraphy & Sh't-h'd..... Commercial Cor'p'd'ce..... French & Spanish..... Rhetoric..... English..... French..... History of Maritime Disc'y..... Physics..... Accounts.....	6 1 1 1 1 1 5 5 5
FRESHMAN.	Latin..... Greek..... Rhetoric..... English Literature..... French..... Mathematics.....	5 5 3 3 4 6	Latin..... German..... Rhetoric..... English..... French..... Mathematics.....	5 5 3 3 4 6	Biological..... Manual Training..... English..... Drawing..... French..... Mathematics.....	3 6 3 6 4 6	Biological..... Manual Training..... English..... Drawing..... French..... Mathematics.....	3 6 3 6 4 6	Biological..... Manual Training..... English..... Drawing..... French..... Mathematics.....	3 6 3 6 4 6	Commercial Correspondence..... Shorthand, Type Writing..... English..... Geography..... French..... Mathematics..... Spanish.....	4 4 3 3 4 3 3

TULANE HIGH SCHOOL.

Class.	Classical Course.	Hours per Week.	Literary Course.	Hours per Week.	Mathematical Course.	Hours per Week.	Natural Science Course.	Hours per Week.	Mechanical Course.	Hours per Week.	Commercial Course.	Hours per Week.
SUB-FRESHMAN	English	5	English	5	English	5	English	5	English	5	English	5
	Mathematics	5	Mathematics	5	Mathematics	5	Mathematics	5	Mathematics	5	Mathematics	5
	Physical Geography	2	Physical Geography	2	Physical Geography	2	Physical Geography	2	Physical Geography	2	Physical Geography	2
	Physical Science	4	Physical Science	4	Physical Science	4	Physical Science	4	Physical Science	4	Physical Science	4
	Elocution	2	Elocution	2	Elocution	2	Elocution	2	Elocution	2	Elocution	2
	Physiology & Hygiene	2	Physiology & Hygiene	2	Physiology & Hygiene	2	Physiology & Hygiene	2	Physiology & Hygiene	2	Physiology & Hygiene	2
	Latin	5	Latin	5	Latin	5	Latin	5	Latin	5	Latin	5
INTERMEDIATE	Greek	5	German	5	Manual Training	5	Manual Training	5	Manual Training	5	Spanish	5
	English	5	English	5	English	5	English	5	English	5	English	5
	Mathematics	5	Mathematics	5	Mathematics	5	Mathematics	5	Mathematics	5	Mathematics	5
	Elocution	2	Elocution	2	Elocution	2	Elocution	2	Elocution	2	Elocution	2
	Penmanship	5	Penmanship	5	Penmanship	5	Penmanship	5	Penmanship	5	Penmanship	5
	Latin	5	Latin	5	Latin	5	Latin	5	Latin	5	Latin	5
	Manual Training	5	Manual Training	5	Manual Training	5	Manual Training	5	Manual Training	5	Manual Training	5
PREPARATORY	Drawing	5	Drawing	5	Drawing	5	Drawing	5	Drawing	5	Drawing	5
	English	5	English	5	English	5	English	5	English	5	English	5
	Mathematics	5	Mathematics	5	Mathematics	5	Mathematics	5	Mathematics	5	Mathematics	5
	Penmanship	5	Penmanship	5	Penmanship	5	Penmanship	5	Penmanship	5	Penmanship	5
	Drawing	5	Drawing	5	Drawing	5	Drawing	5	Drawing	5	Drawing	5
	Manual Training	5	Manual Training	5	Manual Training	5	Manual Training	5	Manual Training	5	Manual Training	5
	Latin	5	Latin	5	Latin	5	Latin	5	Latin	5	Latin	5

Detailed Statement of Work in the Several Courses.

HISTORY AND POLITICAL SCIENCE.

Greek, Roman, English, French, German and Spanish History are taught, by the Professors of these languages. The Philosophy of History and Political Science are taught to University students and Senior undergraduates in a course of lectures.

LATIN IN THE HIGH SCHOOL.

PROFESSOR HURT.

Latin in the High School is begun in the Preparatory Class in the Classical, Literary, Mathematical and Natural Science Courses, and continued through three years.

PREPARATORY CLASS: Gildersleeve's Latin Primer.

INTERMEDIATE CLASS: Gildersleeve's Latin Primer finished; Gildersleeve's Grammar, Reader; Exercise Book begun.

SUB-FRESHMAN CLASS: Gildersleeve's Grammar and Reader; Exercise Book continued; Cæsar.

LATIN IN THE COLLEGE.

PROFESSOR JESSE.

Latin is taught in the Classical and Literary Courses.

In the Freshman class it is assumed that the student has gained some knowledge of the inflections of words, and has read at least five books of Cæsar de Bello Gallico, or an equivalent amount of other prose.

FRESHMAN CLASS.

The Forms of the language are carefully reviewed, and the prominent facts of the Syntax, as they occur in the daily readings, are explained orally. Some elementary instruction is given in Mythology. One exercise (rendering English into Latin) and five recitations a week.

Text-books: Gildersleeve's Latin Grammar; Gildersleeve's Latin Exercise Book; Keightley's Mythology.

Authors Read: Ovid; Virgil.

SOPHOMORE CLASS.

In Grammar, the first half-session is given to Forms, the second session to Syntax. The History of the Roman People to the time of Gracchi is studied with the aid of a full set of Kiepert's wall maps.

One exercise (rendering English into Latin) and four recitations a week.

Text-books: Gildersleeve's Latin Grammar; Gildersleeve's Latin Exercise Book; Leighton's History of Rome.

Authors Read: Cicero's Orations and Philosophical Writings.

JUNIOR CLASS.

In Grammar, attention is directed chiefly to Syntax. The course in History is continued to the year A. D. 476. The Course of Study includes Metres in connection with Horace. One exercise and four recitations a week.

Text-books: Gildersleeve's Latin Grammar; Gildersleeve's Latin Exercise Book; Leighton's History of Rome.

Authors Read: Livy; Horace.

SENIOR CLASS.

Literary Course: Mythology; Metres; Roman Antiquities; Notes on parts of Latin Syntax. One exercise and five recitations a week.

Text-books: Murray's Manual of Mythology; Wilkins's Roman Antiquities.

Authors Read: Tacitus; Juvenal; Plautus; Terence.

Classical Course: One exercise and two recitations a week.

Authors Read: Quintilian; Justinian.

Lexicon, Harper's Latin Dictionary.

Classical Atlas. Ginn & Heath's.

GREEK.

PROFESSOR SHARP.

The study of the forms and syntax will be thorough, and will be continued until they are well mastered. The history of the people and of the literature, the mythology, and the antiquities will be studied with the best available helps. The course of reading will be comprehensive, and the method used is intended to give as great a facility as possible in translating readily into English, and to make the student at the same time familiar with the beauty and strength of the language, and with the wisdom and power of the ancient masterpieces. It is designed, by the study of word formation, and by the constant comparison of the various processes of Greek Grammar and Greek Rhetoric with the corresponding processes in other languages, and by the cultivation of the practice of translating into the nearest equivalent of strong, correct, idiomatic English, to give to the study of Greek a usefulness even beyond its apparent limit.

This language is studied only in the Classical course.

Text-books:

HIGH SCHOOL.

INTERMEDIATE CLASS: Goodwin's Grammar; Harkness's First Greek Book; Xenophon (one book).

SUB-FRESHMAN CLASS: Goodwin's Grammar; Jones's Greek Prose Composition; Xenophon (three books); Fyffe's History of Greece.

COLLEGE.

FRESHMAN CLASS: Goodwin's Grammar; Jones's Exercises in Greek Prose Composition (completed); Lysias; Herodotus. Smith's History; Kiepert's Classical Atlas (6th Berlin Edition).

SOPHOMORE CLASS: Goodwin's Moods and Tenses; Boise's Exercises in Greek Syntax; Smith's History (completed); Homer; Demosthenes; Reading at sight (Kendrick); Autenrieth's Homeric Dictionary; Liddell & Scott's Lexicon (seventh edition).

JUNIOR CLASS: Jebb's Greek Literature; Mahaffy's Old Greek Life; Schmidt's Rhythmic and Metric (for reference); Thucydides; Euripides; Sophocles; Reading at sight; Original Exercises.

SENIOR CLASS: Aristophanes; Plato; Lyric Poets. Murray's Mythology.

ENGLISH IN THE HIGH SCHOOL.

In the first year, the teaching of English is partly grammatical, partly literary. The traditions and cast iron rules of the old grammars are disregarded; but sufficient knowledge of the parts of speech is acquired to lead up to the analysis of sentences. The student is brought face to face with the language, and finds in the printed pages of extracts from the best authors the illustration of syntactical principles.

Original compositions are not required at this stage of study; he is trained in spelling, punctuation, and other conventional rules. The use of correct English is taught orally and by dictation exercises, and the student is constantly required to change simple sentences into compound and complex. The analysis of sentences is thoroughly taught.

An effort is made to inculcate a fondness for reading, and books suited to the student's capacity are recommended by the professor. Care is taken, however, to make reading not a task, but an agreeable habit that will continue to be a source of pleasure during life.

In the Intermediate Class, the same plan is pursued with reference to reading and writing. The pupil is made familiar with many of the idioms of our language, a necessary step to the acquisition of other languages; and he begins a work on Composition.

To train the memory, students are required to learn by heart selections from the best authors, and to train the voice, declamation is encouraged.

The books recommended for reading are more advanced than those of the preparatory year, and are suited to the gradual development of the student's faculties.

A short history of the United States is read with the class during these two years.

In the Sub-Freshman Class, direct preparation for the College is begun. The student is taught the simpler rules of Rhetoric, and he is called upon to do some original work in English Composition. A sketch of American Literature is studied, and the history of England is finished.

Text-books are:

PREPARATORY: Whitney's Essentials (Syntax of Simple Sentence); Dalglish's Analysis; Scudder's History of the United States to 1776; Dictation Exercises.

INTERMEDIATE: Scudder's History (Completed); Chittenden's Elements of Composition; Exercises, Reading, and Declamation.

SUB-FRESHMAN: Thompson's History of England; Science Etymology; Halderman's Word Building; Backus's Sketch of American Literature: Exercise in Composition and Declamation; Notes on Rhetoric by the Professor.

ENGLISH IN THE COLLEGE.

PROFESSOR SHARP.

The scientific study of English, stimulating, as it does, original thought, and providing a greater power of comprehension and expression of thought, offers the best, almost the necessary introduction and accompaniment to the work in the other branches of collegiate education. But apart from this, the careful and extended study of English as an end in itself, is of the greatest advantage to the student, whatever may be his aim in life. In practical value our own tongue must, of course, outweigh all others, modern or ancient; and, as a means of mental training the study of English is perhaps inferior to no other process. Certainly wherever English is spoken, the study of English should occupy a leading place.

In this course, the study of the Literature and the study of the Language are combined. Selections from representative authors, from the 19th century to the time of the Anglo-Saxons, will be read and treated with reference to the twofold end in view. That is, it is designed:

1. That the student shall learn the extent and richness of the English Literature as a whole, and shall acquire a knowledge of the more important parts in detail. Stress is laid upon the careful reading and correct interpretation of the works taken up, while the place and importance of each as a part of the whole is considered. Annotated texts and notes by the professor will furnish help where it is needed.

2. That, at the same time, the student shall be able to observe, in what he reads, the development of our composite language, and to trace

the history of our idioms and of our words and inflexions. Text-books in Philology and the History of the Language supplement the course in this application.

The study of language, if divorced from literature, if made the study of words and not of speech, must become dry and lifeless; language may be best studied when performing its one legitimate function, expressing thought. So, too, if we would make our own all that literature offers us, we must thoroughly acquaint ourselves with the means of expression; hence the propriety of the plan here followed.

FRESHMAN CLASS: Shaw's History of English Literature (taught at present in the History and Rhetoric Course).

SOPHOMORE CLASS: Hales's Longer English Poems. Selections from American and English Literature of the 19th century; Peile's Philology.

JUNIOR CLASS: Shakespeare (ed. Rolfe); Spenser (ed. Kitchen); Chaucer (eds. Skeat and Morris); Lounsbury's History of the English Language.

SENIOR CLASS: Skeat's Anglo-Saxon Primer and Reader; other selections from the Anglo-Saxon Literature; Skeat's Specimens of Early English, Part II.

BOOKS OF REFERENCE: Skeat's Etymological Dictionary; Harrison and Baskervill's Anglo-Saxon Dictionary; Browne's Notes on Shakespeare's Versification; Earle's Philology of the English Tongue.

ENGLISH HISTORY AND RHETORIC.

PROFESSOR FICKLEN.

In this department students are trained in the use of written and spoken language. Beginning with a practical work on Rhetoric, the course rises, in the higher classes, to the consideration of the characteristics of style. The great critics will be studied, and their principles compared, with constant reference to the best authors.

In the Junior and Senior Classes, English History will be taught, and the students will be required to examine the treatment, by different authors, of various epochs. Some training in Forensics, also, will be given in the Senior Class. The Speeches of the great orators will be read and compared.

It is hoped that this Course will prove very useful in aiding students to form an accurate and elegant style. In the higher classes Essays requiring some research will contribute to the development of any vein of originality that a student may possess.

The text-books are:

FRESHMAN: A. S. Hill's Rhetoric; Herbert Spencer's Philosophy of Style; DeQuincey's Essay on Style.

SOPHOMORE: A. Bain's Rhetoric, II Part; Dr. Campbell's Philosophy of Rhetoric.

JUNIOR: Green's Short History of English People; Justin McCarthy's History of Our Own Times.

SENIOR: Minto's Manual of English Prose (designed to show characteristics of style); Goodrich's British Eloquence.

GERMAN COURSE.

PROF. DEILER.

There are two different courses of German in Tulane University. In the *Literary Course*, which begins in the intermediate class of the High-School and extends over four years through the Sophomore class in the College, every effort is bent toward giving the student the ability to *speak* the language in addition to a thorough knowledge of the Literature, History and Geography of Germany.

FIRST YEAR—Eysenbach's Grammar, Conversation, Narrative and Prose.

SECOND YEAR—Eysenbach's Grammar, Selections from Whitney's Reader, Conversation, Geography of the German Empire.

THIRD YEAR—Whitney's Grammar and for the first half of the session, Whitney's Reader, Zschokke's "Kriegerische Abenteuer eines Friedfertigen"; Political History and History of the Literature of Germany up to the Reformation; "Nibelungenlied," "Ildrun" and "Parcival," Walther von der Vogelweide. Conversation.

FOURTH YEAR—Whitney's Grammar, Political History and History of German Literature up to the present time. Lectures on and selections from the principal authors since the time of Martin Luther. Schiller's "Wilhelm Tell," Lessing's "Minna von Barnhelm" and Goethe's "Faust," 1st part. German Composition. Nothing but German will be spoken in the classes of the Third and Fourth Year.

In the other *Courses*, German begins in the Junior Class of the College and extends over only two years. The student will master the principles of Grammar, acquire by reading a fair vocabulary and be able to understand the *written* and *printed* language accurately and readily.

FIRST YEAR—Whitney's Grammar, Whitney's Reader, Political History and Geography of the German Empire.

SECOND YEAR—Whitney's Grammar, Gostwick and Harrison's History of German Literature, Schiller's "Tell," Lessing's "Minna," and Goethe's "Herrmann and Dorothea."

The selections read in the Senior classes of both courses will be changed from year to year.

FRENCH.

PROFESSOR FORTIER.

In a city like New Orleans where so many persons speak French, and where we meet at every step with the souvenirs of the early colonists, the French language must be taught, as far as possible, like a mother tongue. French is not a foreign language in Louisiana, and the way of teaching it must vary from that of the other colleges in the United States. The course must be theoretical and scientific, but above all, literary and prac-

tical. Our graduates must know thoroughly the geography, history and literature of France, and must be able to speak the language to those whom they meet in their daily pursuits, and many of whom, in the country parishes, speak very little English.

In the High School, French begins in the first year of the Mechanical Course and in the second year of the Commercial Course, and continues, in the college, one year in the Mechanical Course, and two years in the Commercial.

In the Classical, Natural Science, and Mathematical Courses, the instruction in French begins in the Freshman class, and ceases after the second, or Sophomore year. In the Literary Course the instruction extends a year longer and is then entirely scientific and literary. Clédat's historical grammar is taught, and the professor lectures on French literature, defining clearly to the students the different epochs in literature, such as Old French, Middle French, and Modern French.

By referring to the following Course the method of instruction can be readily understood:

In the Freshman year, the pupil learns the grammar of the language and the history of France, has his ear accustomed to the French sounds, and can read perfectly any light work such as a tale or a comedy. He is then prepared for the Sophomore class in which, in his French studies, he abandons completely all books written in English, and studies the best works used in the schools in France. The reading consists of modern dramas and tales, and at the end of the year, one or two classical tragedies or comedies are introduced to prepare the student for the course in literature of the third year or junior class. In the Sophomore class five hours a week are devoted to French, and in the Junior class three hours, so that the students, who have heard nothing spoken in class but French for two sessions, have learned how to speak the language and how to write it.

For candidates for the degree of Master of Arts, a class in French will be established for a critical study of the oldest texts in Old French and in Provençal, and with lectures on comparative philology of Romance languages.

Students from the country and neighboring States may obtain board in French families where French is correctly spoken, and the Faculty will aid them in making such arrangements.

HIGH SCHOOL.

PREPARATORY CLASS: Keetels' Elementary French Grammar; Keetels' Analytical French Reader; Conversation.

Three exercises and five recitations a week.

INTERMEDIATE CLASS: Larive et Fleury (Deuxième Année de Grammaire); Gasc's Translator; O'Connor (Choix de Contes Contemporains); Dictation.

Two exercises and five recitations a week.

SUB-FRESHMAN CLASS: Larive et Fleury (Troisième Année de Grammaire); Gasc's Translator; Anderson's History of France; O'Connor (Choix de Contes Contemporains); Cornille (le Cid); Dictation.
Two exercises and five recitations a week.

COLLEGE.

FRESHMAN CLASS (Mechanical Course): Larive et Fleury (Troisième Année de Grammaire); Littérature Française de Bougeault; Racine (Phèdre); Molière (le Misanthrope) V. Hugo (Hernani).
One original exercise and three recitations a week.

FRESHMAN CLASS (Natural Science, Mathematical, and Literary Courses): Keetels' Analytical and Practical French Grammar; O'Connor (Choix de Contes Contemporains); Yonge's History of France.
Two exercises and four recitations a week.

SOPHOMORE CLASS: Larive et Fleury (Deuxième Année de Grammaire); Gasc's Translator; Brachet (Nouvelle Grammaire Historique); Corneille (Le Cid); O. Feuillet (Roman d'un Jeune Homme Pauvre); Molière (Le Tartuffe); Dictation.
Two exercises and five recitations a week.

JUNIOR CLASS: Littérature Française de Bougeault; L. Clédat (Grammaire Élémentaire de la Vieille Langue Française); V. Hugo (Hernani); Scribe et Legouvé (Adrienne Lecouvreur); Voltaire (Zaïre); Boileau (L'Art Poétique).
One original exercise and five lectures a week.

DICTIONARIES: Spiers and Surenné's, or Masson's.

Nothing but French is spoken in the Intermediate and Sub-Freshman classes in the High School, and in the Freshman (Mech. Course) and Sophomore and Junior classes in the college.

SPANISH.

PROF. FERNANDEZ.

Spanish begins with the Preparatory Class of the Commercial Course in the High School and is continued through the three years of the High School and one year of the College.

The course of instruction is as follows:

FIRST YEAR—Analogy, Prosody, Analysis.

SECOND YEAR—Prosody, Orthography, Dictation, Elements of Spanish History, Selected Readings.

THIRD YEAR—Prosody, Syntax, Orthography, Dictation, Selected Readings, Spanish History.

FOURTH YEAR—Syntax, Grammatical and Logical Analysis, Spanish Composition and Literature.

Students from Mexico and other Spanish-American countries will find in New Orleans congenial homes among other educated compatriots.

MATHEMATICS IN THE HIGH SCHOOL.

For admission applicants are required to be proficient in Arithmetic through Percentage and its applications (242 pages in Nicholson's Complete Arithmetic or an equivalent amount of work in some other book).

PREPARATORY CLASS: Arithmetic completed, Algebra begun.

INTERMEDIATE CLASS: Algebra, through Quadratics. Geometry begun.

SUB-FRESHMAN CLASS: Algebra completed, Geometry completed.

Text-Books:

PREPARATORY CLASS: Wentworth & Hill's Practical Arithmetic. Wentworth's Elements of Algebra (Shorter Course).

INTERMEDIATE CLASS: Wentworth's Complete Algebra; Wentworth's Plane and Solid Geometry.

SUB-FRESHMAN CLASS: Wentworth's Complete Algebra; Wentworth's Plane and Solid Geometry.

MATHEMATICS IN THE COLLEGE.

PROFESSOR J. L. CROSS.

To enter the Freshman Class, a knowledge of Algebra and Plane Geometry is required.

This class will assemble for recitation six times a week. A rapid review of the Algebra and the study of Solid Geometry will be the work of the first term of the session.

Plane and Spherical Trigonometry, Surveying, Leveling and Navigation will be studied during the second term.

In the Sophomore year, students in the Classical and Literary Course have three hours a week during the entire session in Analytical Geometry.

Students in the Mathematical, Scientific, and Mechanical Courses, have six hours a week, taking Analytical Geometry the first term of the session, and Differential and Integral Calculus the second term.

The end kept always in view is to impress the principles of Mathematical truth clearly and deeply on the mind, by careful explanations, by daily examinations, and by a constant application of these principles by the students themselves, to numerous examples taken from the text-books and from other sources.

The text-books are:

FRESHMAN CLASS. Wentworth's Plane and Solid Geometry; Loomis' Algebra; Wentworth's Trigonometry, Surveying and Navigation.

SOPHOMORE CLASS. Loomis' Analytical Geometry; Clark's Differential and Integral Calculus.

PHYSICS.

PROFESSOR AYRES.

The instruction in Physics begins in the High School, where four hours a week for a half year are given to this science in the Sub-Freshman class in all the courses. The subject is here presented from a general point of view, the object being principally to teach the student how to observe and what, among his every day surroundings, present the more ordinary phenomena of the physical world. He is also shown how the simpler physical laws may be reached from a consideration of his own observations. The ground covered is substantially that of Gage's Elements of Physics.

The subject is resumed in the Sophomore year, five hours a week being given to it by the students in all the courses. Those pursuing the Mathematical, Natural Science and Mechanical courses take in addition two hours a week of practice in solution of physical problems, exact study of units and laboratory work of a simple character. The class-room instruction consists of fully illustrated experimental lectures, recitations on the lecture notes and on the text, and the solution of numerous practical problems. A full presentation is given of the applications of physical principles that are now so important in the arts. The steam engine, the telegraph, the telephone, the electric light, the theory and use of the sugar polariscope, all receive due attention. The apparatus at command for the illustration of this course is very full and perfect. Every needed appliance is at hand for the projection of diagrams, pictures, experiments, microscopic objects, etc., either by sunlight or by the lantern, and extensive use is made of this very satisfactory method of class demonstration. The scientific students are very thoroughly drilled on the application of the simpler mathematics to the solution of physical problems, and the laboratory work pursued by them is, to some extent, a repetition by the students of experiments previously performed in the lecture room, but includes also the determination of simpler physical constants such as densities, specific heats, vibration numbers, refractive indices, electrical resistances, etc. The lecture room course as above given is all that is required in this subject from students in the Classical, Literary and Commercial courses.

In the Junior year, the students in the Mathematical and Mechanical courses have a lecture room course three times a week throughout the year in Analytical Mechanics and the Theory of Heat. Those in the Mathematical course have *six* hours a week of laboratory work, and those in the Natural Science course have *four* hours a week of laboratory work. The laboratory work for the Mathematical students (who continue this work in the Senior year) consists mainly of the practical study of the subjects whose theory has been studied in the lecture room. This implies the exact study of fundamental units, comparison of units, precise weighings,

determinations of density, the establishment of the laws of elasticity, capillarity, attractions, and radiant heat, barometric readings and reductions, standardizing and calibration of thermometers, determinations of specific and latent heats, vapor densities, expansions, etc. The laboratory work for the Natural Science students is the same in kind as the above, but is not so exhaustive, and includes in addition some work in optics, acoustics, electricity and magnetism.

In the Senior year, the Mathematical students have a lecture room course three times a week throughout the year in the elementary mathematical theory of light and of electricity and magnetism. They also have laboratory practice for six hours a week in optical, electrical and magnetic measurements, following the lecture room course as in the Junior year. They determine refractive indices, angles of crystals, wave lengths, focal lengths and radii of curvature of lenses and mirrors, and establish the laws of the interference and diffraction of light. They study spectrum analysis and map prismatic and diffraction spectra, learn the use of the microscope, and study with some degree of thoroughness the subject of polarized light. In electricity and magnetism, they determine galvanometer constants, measure resistances of conductors and batteries, electromotive forces and potentials, capacities, insulation resistances, magnetic declination and intensity. In this year also the Mechanical students have a practical course in Electrical Engineering with especial reference to the construction, testing and maintenance of telegraphic, telephonic and electric lighting systems.

The text-books are:

HIGH SCHOOL.

SUB-FRESHMAN CLASS: Gage's, or Houston's Elements of Physics.

COLLEGE.

SOPHOMORE CLASS: Everett's Deschanel's Natural Philosophy, Macfarlane's Physical Arithmetic.

JUNIOR CLASS: Stewart and Gee's Practical Physics; Wood's Analytical Mechanics; Balfour Stewart's Heat.

SENIOR CLASS: Stewart and Gee's Practical Physics; Cumming's Theory of Electricity; Glazebrook's Physical Optics.

PHYSICAL APPARATUS.

The instrumental equipment of the Department of Physics is very good, and in several directions is quite full and excellent. The instruments are of the most approved forms, and are from the best makers of this country and Europe. Up to the present time about \$8500 has been expended in equipping this department.

The apparatus is principally from the following celebrated makers: Ritchie, Queen, Green and Becker in this country; Browning, Patterson

and Cooper, and Elliott Brothers, London; Duboscq, Hoffman, Carpentier, DeMeritens, and Breguet, Paris; Edelmann, Munich; Rueprecht, Vienna; Société G  n  voise, Geneva. It is selected with especial reference to accurate measurements. A classified list of the more important instruments was published in the catalogue for the last session, where it can be consulted by those interested.

ASTRONOMY.

PROFESSOR AYRES.

For the present, the Course of Astronomy consists of two recitations a week for a half year, with occasional meetings at night for observation. It is required of all students in the Junior class.

Text-book: Newcomb and Holden's Astronomy (Briefer course).

CHEMISTRY.

PROFESSOR CALDWELL.

The instruction in Chemistry begins in the Sub-Freshman Class of the High School, where the subject is presented in a simple and practical manner. Ample experimentation is employed by the teacher, and the course is so framed as to give the student clear and accurate knowledge of the principles of the science, together with sufficient details to enable him to understand its applications in nature.

The subject is resumed in the Junior year, where four hours a week are given to it by all the students. The whole subject of Inorganic and Organic Chemistry is here covered with as much completeness as the time will allow. The lectures are very fully illustrated by experiments, and problems on the cost of manufacture and the quantitative relations of products to the materials from which they are made form a radical feature of the course. Special attention is directed to the relations of chemistry to the industries of the country. The reduction of ores, the processes of dyeing and bleaching, the manufacture of iron and steel, of porcelain and pottery, of explosives, of soaps, and of starch and glucose are all noticed incidentally. The chemistry of sugar-making receives special attention, as well as that of foods and vegetation in general. The students of the Classical, Literary, Natural Science and Commercial Courses have, in addition to this class, four hours a week throughout the year of laboratory practice. They repeat in the laboratory a selected number of the lecture experiments, prepare a series of the salts of the metals and become familiar with the ordinary mechanical operations of the laboratory. They also gain some insight, during the year, into qualitative and blow-pipe analysis.

In the Senior class, the students of the Commercial and Natural Science course have nine hours a week of laboratory practice throughout the year, and the students of the Mathematical and Mechanical courses, six hours. The Mathematical students pursue a course intended to give them an insight into chemical methods rather than to make of them expert chemists. They have some practice in Quantitative Analysis in addition to a brief course similar to that pursued by the Natural Science students in the Junior. The Natural Science students complete the Subject of Qualitative Analysis, and pursue a course of Quantitative Gravimetric and Volumetric Analysis and have some practice in Organic Analysis. Those who so desire may give some attention to sugar testing and analysis, by both polariscopic and chemical methods.

CHEMICAL APPARATUS.

The apparatus for chemistry, while not yet as complete as that for physics, is good and efficient for purposes of instruction. The temporary laboratory now in use will accommodate about twenty students working simultaneously. Besides a good outfit of lecture apparatus, there is a large collection of graduated vessels, burettes, eudiometers, &c., for analytical work, two fine balances by Becker Bros., of New York, a good collection of Scheibler's apparatus for analyses incidental to the study of sugar, combustion furnace and fixtures.

GEOLOGY AND MINERALOGY.

PROFESSOR CALDWELL.

This department of the Natural Sciences will occupy the attention of the Junior Class for two hours a week throughout the entire year. The Course will be conducted by ext-book, lectures and illustrations—and when possible, practical field work. It will be the aim of the Professor to impress the facts and principles involved in Dynamical Geology—to make real to the mind, the theory of the Earth's gradual passage, from one stage of its history to another, by the agency of forces such as are now seen to be operating in the world around, and which are always denominated "natural;" to study the Earth's Structural character and relations, and to show how, from these, a Historical view may be obtained of this developing unit, the Earth; to consider organic life, as it is expressed in the fossils of the various strata, and to discover, if possible, the connection between the successive fauna and flora; also to indicate the practical value and results of the science. The important subjects of Mineralogy and Lithology will receive as much attention as time will allow. All the divisions of the Course will be fully illustrated by the use of the collections of the Museum of this Institution.

Text Books: Geology, Le Conte; for reading and reference, Geikie and Dana. Mineralogy: Text Book Dana I. D.; for reference, E. S. Dana--Brush's Det. Min.

BIOLOGY,

PROFESSOR ORDWAY.

Biology, including botany and zoology, is taught by lectures, topical readings, and laboratory exercises. As far as possible the living organisms are made the direct objects of study. Starting, according to the natural method, with objects within reach and easily examined, phanerogamic botany is taken up first, attention being given to external forms and morphological relations. Systems of classifications are then studied with less reference to determining names than to giving a familiarity with natural affinities and a facility in locating species which will be referred to in subsequent investigations. In the next place the anatomical structure of organs and tissues is observed with the aid of the microscope and much time is devoted to the examination of the lower forms of life. Cryptogamic botany and invertebrate zoology prepare the way for the consideration of the progressive development, — rather than the blind evolution, — of organic beings. The various organic functions, assimilation, secretion, growth, reproduction, circulation, respiration, sensation, reflex action, and voluntary motion are taken up later on, after the pupils have received the necessary preparation by learning the principles of chemistry and physics.

In proportion to the extent and interest of the subject the time which can be devoted to it in any of the courses is necessarily much restricted and the aim must be not to instil a great amount of knowledge but to train the pupil's power of observation and to teach him how to use the various laboratory appliances and to study and investigate for himself.

The laboratory is furnished with a variety of microscopes and accessory apparatus and a very full biological library is at hand for reference. The very short duration of winter in lower Louisiana renders it possible to obtain material for study, at all times. During the past year four new compound microscopes, made by Baker, of London, with Zeiss' objectives and one stand made by Bausch & Lomb with objectives of the better class together with two dissecting microscopes and some valuable accessories have been added to the facilities already provided.

MANUAL TRAINING.

As Manual Training is found to be a valuable adjunct to intellectual cultivation a considerable amount of practice in wood working is required even in the Classical and Literary Courses of the High School. In the scientific courses the manual instruction is carried farther and includes pattern making, foundry work, forging iron and steel, filing, and lathe work. The various hand tools are brought into use and the student has

some practice with the simpler machine tools. The work proceeds step by step from the easier to more difficult operations and is calculated to impart a fair degree of skill and a general practical knowledge of tools, materials, methods, and principles, rather than that nicety of execution which can be acquired only by long, time-consuming practice within a limited range.

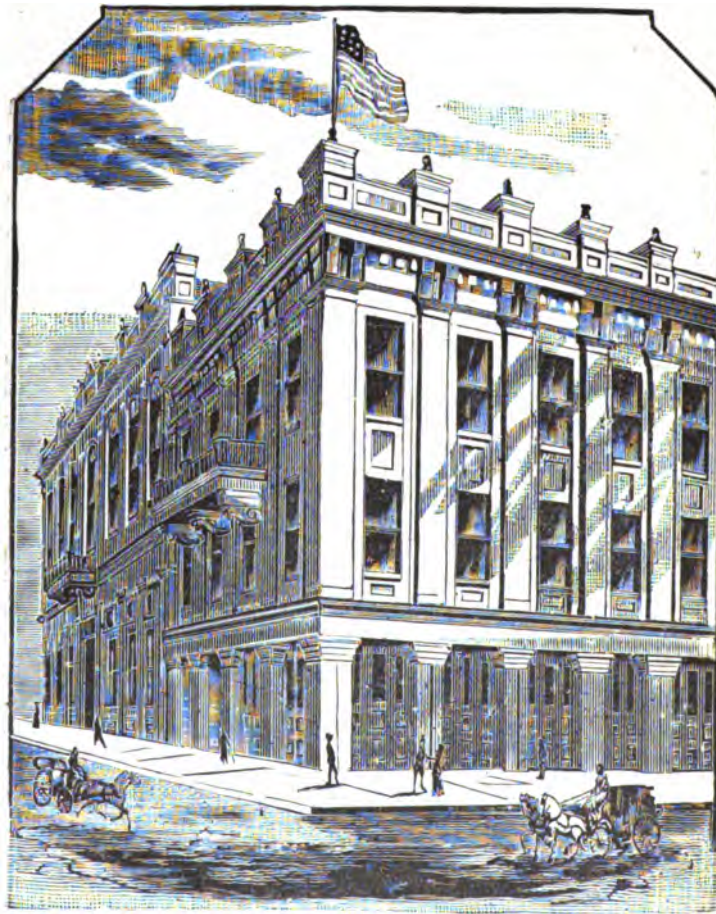
The exercises are selected with reference to healthy muscular development, and by a suitable alternation of shop work with class room studies the pupil is enabled to make more real progress in intellectual growth within the school years than can be gained by fatiguing devotion to study alone. The shop work manipulation constitutes an excellent preparation for subsequent laboratory practice of all kinds. Or, should the student be obliged to terminate his schooling with a high school course, the manual training will be of great advantage in fitting him for his life work, whatever occupation he may engage in. Education in which the manual element has a share is particularly suitable for those who are to assist in developing the industrial resources of our country.

In the College Mechanical Course, the workshop practice is continued and made more thorough, on account of its practical advantages to those who are preparing for the engineering professions. And, in connection with the hand work, there are given courses of lectures on the philosophy of tools and the nature of woods, metals, stones, cements, paints, and other materials used in construction.

Drawing is considered as a language or mode of expressing ideas, and as being therefore not less important than linguistic study, on account of its disciplinary as well as its direct practical value. All the High School pupils are taught more or less of free hand or mechanical drawing and design, according to the needs of the different courses, and in some cases the instruction includes modelling in clay. While the artistic side is not altogether neglected, attention is directed mainly to the industrial aspects of the subject. The exercises consist mostly in drawing directly from the objects, while the pupil is also instructed in the various auxiliary geometrical problems and the conventional devices which facilitate clear expression. The student is expected to observe constantly the relation of the object to the mode of its representation and to become self directing, without wasting time in copying the delineations of others. As the work advances the imagination is cultivated by the consideration of projections and shadows, and by drawing ideal sections, by sketching from memory, and by making original designs.

In the examinations, pupils are questioned on the principles of illustration and are expected to make time sketches or designs.

For the mechanical drawing, each one must provide himself with a set of drawing instruments.



TULANE MANUAL TRAINING BUILDING.

CONDITIONS OF ADMISSION.

For admission to the Preparatory Class of the High School, pupils must be twelve years of age, of good moral character, and must be proficient in Reading, Writing, School Geography, Arithmetic through Percentage and its applications, and in Reed and Kellogg's graded lessons in English, or in an equivalent amount of work in some other book.

To enter, or to be promoted to any advanced class in the Institution, students must have completed satisfactorily the studies of the classes below, or a full equivalent for them.

Entrance examination, will be held October 4th, 5th and 6th, 1886.

Before admission to any class in the Law Department, Tulane College, or Tulane High School, the student will be required to matriculate, and present his certificate of matriculation from the Secretary, Mr. Wm. O. Rogers, whose office is at Tulane Hall. The annual fee is \$50, the first quarter of which, \$12.50, must be paid before matriculation.

EXAMINATIONS.

Two examinations are held yearly in the College and High School. The Intermediate examination begins Friday, February 11th, 1887; the Final, begins Monday, June 13th. In order to ensure promotion to advanced standing, students must pass both satisfactorily.

Between the beginning and close of examinations no lectures are delivered, and students are not required to come to the University, except on the days when they are to be examined; on other days they are advised to stay at home and study diligently.

As the examinations are intended as a test of work done during the session, and not of readiness in *cram* by a mere temporary strain upon the memory, no attempt is made to afford opportunity to the student to devour vast amounts of information in the short interval between examinations. Our advice to students is to make a leisurely, but diligent, review of the studies before the examinations begin, and not to sit up unreasonably late at night, or fret over their prospects in advance. Let the students come to the examination fresh and hopeful. The work required of them is not of a character to test physical strength or nervous endurance, and the student who has been faithful in his duties during the session need have little fear of the result.

Punctuality in attendance is rigidly enforced as a necessary requirement to secure fidelity and impartiality in the examination.

DEGREES AND DIPLOMAS.

HIGH SCHOOL—Students satisfactorily completing any course in the High School will receive Diplomas as Graduates of the High School.

COLLEGE—Students satisfactorily completing any course in the College will receive the degree of Bachelor of Arts in that course, and students of extraordinary merit will have added to this, "with distinction."

UNIVERSITY—Graduates of Tulane College and other accepted candidates who shall pursue an approved course of study for two years, pass a satisfactory examination, and present a written thesis acceptable to the President and Faculty, will receive the degree of Master of Arts.

A further approved course of study in Tulane University, pursued for two years under like conditions, and with such excellence and superior attainments as to warrant it, which are ascertained by resident study under Professorial direction, rigid examination and a satisfactory thesis, shall entitle the student to the degree of Doctor of Philosophy.

Students pursuing special courses will not be entitled to Diplomas or Degrees.

MEDALS.

The interest of a donation by Mr. Glendy Burke, of New Orleans, is given each year in three gold medals, which are awarded publicly to the best Elocutionist, the best Mathematician, and the author of the best English essay.

The proceeds of a like donation by Mr. Judah Touro are given each year in three gold medals, publicly awarded to the best Latinist, the best Grecian, and the student most thorough in Ancient History.

The interest on certain funds donated by Mr. Louis Bush, of New Orleans, is expended for a gold medal, which is awarded for the best essay in French.

No medal is awarded except when marked excellence is exhibited in the subject of competition.

The award of medals for the session closed June 17th, 1886, was as follows:

GLENDY BURKE MEDALS.

To Charles Maas, for Mathematics.

To Walter Marion Chandler, for Elocution.

LOUIS BUSH MEDAL.

To Charles Maas, for French Essay.

No Judah Touro medals were awarded last year.

SCHOLARSHIPS.

The University grants about one hundred and fifty free scholarships in the Collegiate and High School Departments, which are filled by nomination of State Senators and Representatives, and by the Mayor of New Orleans.

The Administrators, in accordance with the terms of the Act establishing the University, have adopted the following rules in regard to candidates for the scholarships to be filled:

First. As provided in said Act, there shall be one such scholarship for each Senator and each Representative in the State, and it shall confer the privilege of free tuition.

Second. Whenever a vacancy exists in the scholarship, it may be filled by the then sitting member for that District, provided, however, that the vacancy must be filled before the expiration of his term, otherwise his successor shall make the nomination.

Third. The candidate must be a *bona fide* resident of the District or Parish from which he is appointed; that is, his parents or guardian shall be domiciled in the said Parish or District.

Fourth. He must be a white male youth, twelve years of age to enter the High School, or fifteen years of age to enter in more advanced classes.

Fifth. He may enter any regular class for which he is found prepared, after satisfactory examination by a committee appointed for that purpose by the President of the University. No candidate will be accepted or allowed to matriculate, who is not at least qualified to enter the High School of the University.

Sixth. His application for admission to the University must be in writing, stating the name and post-office address of his parents or guardian; the date of his birth; and if his parents do not reside in New Orleans, the name of a responsible citizen resident here, who will act as his guardian.

Seventh. Accompanying his letter of application he must present his credentials. His nomination shall be made out in the following terms:

"I, A. B.....for the.....
State of Louisiana, hereby nominate.....
son ofand.....to fill the
vacancy in the scholarship in the Tulane University of Louisiana, accorded
me as.....from this.....

"The saidis a male, white youth,
twelve years of age, of good moral character and a *bona fide* resident of
the said.....

(Signed)

.....

.....from.....

Eighth. In order to identify the signature to such appointment of the Senator or Representative making it, his signature must be acknowledged by him before some competent State official.

Ninth. Before matriculation, the said scholar must sign a promise to obey, in good faith, the laws of the State and of the University, and to conduct himself as a good student and as a gentleman. He will then matriculate and will be furnished with a certificate thereof, will be enrolled on the books of the University, and considered a member of the Academical Corps, and subject to its regulations, until graduation, resignation, death, dismissal or expulsion. The President shall then assign him to such class or classes as his examination shows him competent to enter.

The number of Free Scholarships during the past Session has been:

In the High School..... 48

In the College..... 11

Total..... 59

Additional appointments have been made to take effect from the beginning of next session.

By a resolution, also, of the Administrators of the University, the following privileges have been accorded:

1. A free scholarship in Tulane College will be awarded next June to that student of the Sub-Freshman Class who shall be selected by the Tulane High School Faculty as most distinguished for scholarship, deportment and punctuality.

2. In order to testify to the importance and usefulness of the Boys' High School of the Public Schools of the City of New Orleans, the same privilege is accorded to it; the student to be selected by the Faculty of that School for general excellence, under conditions to be prescribed by said Faculty.

3. Cheerfully recognizing the valuable work done by large private schools in our community, the Board has authorized the President to name three such schools in the city of New Orleans, to which shall be accorded the like privilege of nominating a student for a free scholarship in Tulane College, or Tulane High School, next June; the said student to be selected by the Principal of such school for distinguished merit.

The President has named the schools conducted by the following gentlemen:

Mr. H. C. Eustis. Mr. A. S. Leche. Mr. T. W. Dyer.

FREE COURSES OF INSTRUCTION.

It is the purpose of the Administrators of the University to extend the benefits of education as far as circumstances will allow. During the past two years twenty free lectures have been given annually by Professor Stanford E. Chaillé, M. D., Dean of the Medical College, to above five hundred school teachers and others, every Friday afternoon. These lectures were highly appreciated by the hearers, and received the special commendation of the Board of Directors of the Public Schools. A similar course will be given by Dr. Chaillé during the coming year.

Free public lectures on Art, Literature and Science have been given, under the auspices of the University, during the past season. These lectures have been largely attended, and have contributed to the literary tastes and intellectual enjoyments of the citizens of New Orleans. The following is the scheme of lectures as delivered:

A course of six illustrated lectures on Art, by Mr. Wendell Stanton Howard, Art Director of the Exposition.

A course of six lectures on Iron, by Professor John M. Ordway, of the Manual Training Department of the University.

Six illustrated lectures on Light by Professor Brown Ayres, of Tulane University.

Four illustrated lectures on Physical Geography and Geology, by Professor John W. Caldwell, of Tulane University.

Four lectures on Miscellaneous subjects, including two illustrated lectures on Japan, by Rev. B. G. Northrop, LL. D., of Connecticut.

A course of five lectures on "The Relation of Literature to Life," by Mr. Charles Dudley Warner.

A course of six lectures on historical subjects, by Hon. Charles Gayarré.

A lecture on Elocution, with illustrative readings, by Professor J. J. Vance, LL. D.

A course of four lectures on educational topics, by Rev. A. D. Mayo, of Boston, Mass.

Total, 42 lectures.

The City Normal School, under the immediate charge of the Board of Directors of the Public Schools of New Orleans, and having for its aim the more thorough preparation of teachers for their work, has been aided by the voluntary labors of Professors of the University as follows:

A series of lectures on English Language and Grammar, has been given on Saturday morning, by Professor John R. Ficklen. Classes have also been instructed in short hand by Professor V. Leovy. Members of the Normal School have also been required by the School Board to attend

the free drawing classes of the Professors Woodward on Saturday morning, and the Friday afternoon lectures of Professor Chaillé, on Physiology and Hygiene.

Advanced classes of students accompanied by their teachers from public and private schools have been encouraged to visit the museum and libraries of the University for special reading and Study.

FREE CLASSES.—Free classes in mathematics, instructed by Professors Cross and Cajöri, of the University, have been opened two evenings in the week, for the benefit of young men engaged in mechanical or commercial pursuits during the day.

FREE DRAWING CLASSES, 1885-86.

These have been held as follows:

- 1st.—Evening Mechanical Drawing, for men and youths, Elementary.
- 2d.—Evening Mechanical Drawing, for men and youths, Advanced.
- 3d.—Evening Free-hand Drawing, for men and youths, Elementary.
- 4th.—Evening Free-hand Drawing for men and youths, Advanced.
- 5th.—Evening Architectural Drawing, for men.
- 6th.—Saturday Morning Class of School Methods for Teachers.
- 7th.—Saturday Morning Drawing Class for Teachers.
- 8th.—Woman's Evening Decorative Art Class.

The Mechanical Drawing Classes are modeled after those of Boston and Baltimore, which have reached an advanced position in the subject, and are intended to aid those mechanics who are striving to improve in their work by acquiring this necessary language, by which they can develop the idea of the designer from his drawings, or give form to their own ideas for others to perfect. Some practice in free-hand is included in the course.

These two Mechanical classes have enrolled in the past season 143 students, 59 of whom have performed the required amount of work, and have received a certificate to that effect.

In the Free-hand classes the same use is intended to be made of the instruction, though this class goes still further, including, as it does, young men who have talent for this branch of art, and who can here acquire the correct principles of expression, without which, all attempts at representation would be too crude to be admired. This class is expected to develop a school of illustrators who will help to create a demand for artistic illustrations and designs in this city. Students have already shown a marked talent, which, without evening schools, would never have had a chance to spring into active life. The two Free-hand classes enrolled 122 students, 50 attaining the required standard in their class, and receiving certificates for the same.

The Woman's Evening Decorative Art Class was the latest organized, starting in January, 1886, and meeting on Wednesday and Saturday evenings, each week. This class, of all those established, has aroused perhaps the most wide-spread interest. Aiming to improve the style of decoration in the homes and public buildings in New Orleans, it has drawn to its ranks many women of taste and culture, who wish to be identified with this movement. Its extent and power, it is confidently expected, will lead to the foundation of a School of Decorative Art in this city which will be a pride to the city, and a means of support to many women of natural taste who desire congenial occupation. 110 students were admitted, about one-half of whom have done excellent work. A cash prize of \$10 was given in this class for the best drawing from the Magnolia flower and leaves.

The Saturday class of School Methods has a course modeled on the principles adopted by the National Educational Association, which teaches the principles and methods of drawing as a part of an educational scheme, such as is followed by public schools.

In the Saturday Drawing Class for Teachers, the principles of Representation are taught in Free-hand, Perspective, etc., by lectures, and by the teachers' criticism of work done at home.

Of 255 students joining the Saturday classes, 50 in the Saturday Drawing Class and 52 in the Saturday Class in School Methods received certificates.

The expense to students was confined to the cost of the necessary materials, the students in the Decorative Art Class expending only fifteen cents each.

Prizes for excellence in the respective classes have been awarded to the following persons:

In the Decorative Art Class, to Mrs. G. E. Fellows, with honorable mention of Miss Emily Gerde, Mrs. G. F. Belden, Miss Kate E. Wood and Miss M. E. Scratchley, in the order named.

This prize was awarded upon the report of a special committee, consisting of Mr. Ed. Livingston, Miss Ida C. Haskell, Mr. W. Woodward and Mr. E. Woodward.

For best examination at the close of session, prizes have been awarded:

In the Saturday class of Methods, to Miss Ernestine A. Miller.

Honorable mention of Miss A. L. Miller, and Miss F. L. Flemmich.

In the Saturday Drawing Class, to Mr. Charles A. Barnes.

Honorable mention of Miss D. Roman, and Miss K. Rhodes.

In the Evening Advanced Free-hand, to Mr. H. V. Mielly.

Honorable mention of Mr. Henry Shaw.

In the Evening Advanced Mechanical Class, to Mr. Charles H. Charlton, with Honorable mention of Allison Owen,

Total number of students admitted to all classes during the session—630.

Number of certificates issued:

Class 1. Distinguished.....	36
Class 2. Meritorious.....	77
Class 3. Satisfactory.....	98
Total....	211

The following are the names of students of the above classes to whom certificates were awarded:

ELEMENTARY MECHANICAL CLASS.

FOR MEN.

DISTINGUISHED CERTIFICATE

H. Z. PERKINS.

MERITORIOUS CERTIFICATE.

C. C. DIBALL,
H. DAWES,
JOHN TOBIN,

L. SKINNER,
J. SKINNER,
M. L. MORRISON,

W. SANFORD,
H. F. HUSTEDT,
GEO. SANFORD.

SATISFACTORY CERTIFICATE.

A. AUCOIN,
W. F. SMITH,
H. CHARLTON,
T. W. REGAN,
P. P. BEYERBOCK,
C. REIMANN,

W. B. FOLEY,
H. FEHL,
J. TOELKE,
C. O. BENDER,
F. WALSH,
W. RYAN,

R. A. SNOW,
R. WEBER,
GEO. LATHROP,
J. M. SWOOP,
F. D. REACKER,
ALBERT VALLIE.

ADVANCED MECHANICAL EVENING CLASS.

FOR MEN.

DISTINGUISHED CERTIFICATE.

CHAS. H. CHARLTON,

ALLISON OWEN,

A. E. PICO.

MERITORIOUS CERTIFICATE.

W. HARKAN.
JACK DARDIS,
JOHN HEMEL,
G. KOFFSKY,

J. W. JAY.
A. SCHMITT,
GEO. M. MILLER,
JOS. LENNOX,

WM. O'LEARY,
N. T. WILKINSON,
W. E. WALKER.

SATISFACTORY CERTIFICATE.

H. W. ROLFS,
J. R. BIGGAR,
C. F. CANTOIS,
JOHN CHARLTON,
PAUL MALOCHEE,
P. E. MITCHELL,

A. HUGE,
ALEX. KUHN,
S. HEINRICHS,
J. H. LANGEMAN,
H. ORMOND,
G. L. PICKETT,

L. SCHRIEFER,
W. B. WILSON,
CHAS. WILSON,
PAUL T. WAYNE,
J. H. GOMILLA.

ELEMENTARY FREE HAND.

EVENING CLASS FOR MEN.

DISTINGUISHED CERTIFICATE.

H. Z. PERKINS,
W. H. ROANE,

W. G. ROLFE,
H. CHARLTON,

H. W. McCONNELL.

MERITORIOUS CERTIFICATE.

F. LANGBEHN,
W. LANGBEHN,
W. OSEK,
E. H. BURTON,

C. E. DAMERON,
H. F. HUSTEDT,
A. CASTILLO,
G. N. ARMSTRONG,

J. WEINNIG,
THOS. QUAYLE,
J. M. SONIAT,
F. DUVIC.

SATISFACTORY CERTIFICATE.

GEO. LATHROP,
F. R. COURONEAU,
M. AUSTIN,
E. VALLEE,
S. HARTWELL,
C. J. FULDA,

A. STEIDTMANN,
J. SIX,
M. L. MORRISON,
L. SHERER,
F. SHERER,
T. S. WALSHE,

P. E. FINLAY,
F. LOHMANN,
W. E. LATHROP,
P. P. MARTIN

ADVANCED FREE HAND.

EVENING CLASS FOR MEN.

DISTINGUISHED CERTIFICATE.

H. V. MIELLY,
H. G. SHAW,
E. L. DIMITRY,

H. F. McELROY,
A. OWEN,
W. G. TRIMBLE,

E. N. BASTICK,
W. R. SHAW.

MERITORIOUS CERTIFICATE.

A. H. HANSEN,
C. A. BARNES,
A. J. PICOU,

A. SCHMITT,
B. STONE,
W. A. THOMAS,

C. A. HEATH,
W. E. WALKER,
P. G. RICKS.

CLASS FOR SCHOOL METHODS.

FOR TEACHERS.

DISTINGUISHED CERTIFICATE.

Miss E. A. MILLER,	Mrs. R. SULAKOWSKI,	Mr. CHAS. A. BARNES,
" A. MEEHAN,	" E. HAMILTON,	Mrs. E. WOODWARD.
" A. L. MILLER,	Miss F. L. FLEMMICH,	

MERITORIOUS CERTIFICATE.

Miss E. VAUGHT,	Miss E. HUNTER,	Miss A. M. WOODS,
Mr. G. E. FELLOWS,	" R. M. WOODLEY,	" EDNA HALSEY,
" W. W. WEISS,	Mrs. ELIZA CLARK,	" J. F. CRIPPS,
" H. REGGIO,	Miss ANNIE SHEAN,	" K. S. RHODES,
Miss P. MARQUIZ,	" JULIA DONOVAN,	Mrs. L. B. ANDERSON,
" N. B. HATHORN,	" V. STINSON,	Miss L. S. HOWARD.
" E. QUAYLE,	" C. E. FLEMMICH,	

SATISFACTORY CERTIFICATE.

Miss ISABEL WARNER,	Mrs. E. C. HUNTER,	Miss SALLIE BOYCE,
" J. C. DODGE,	" C. A. BARNES,	" E. PLATTSMIER,
" C. C. REESE,	Miss E. VOGES,	" L. PICKETT,
" C. STEWART,	Mrs. A. E. CHASE,	" M. FLANAGAN,
" A. L. SOMERVILLE,	Miss M. A. TALLIEU,	" E. GALLOT,
" K. McCANN,	" M. FINLEY,	" M. MOAKE,
" A. MICHEL,	Mrs. R. C. HITCHCOCK,	" C. FORBES,
Mr. J. HESLIN,	Miss E. WAGNER,	" SALLIE HARRIS.

SATURDAY DRAWING CLASS.

FOR TEACHERS.

DISTINGUISHED CERTIFICATE.

Mr. C. A. BARNES,	Miss L. BOBB,	Mr. W. W. WEISS,
Miss D. ROMAN,	Mrs. H. HARE,	Miss C. VANCE,
" K. S. RHODES,	" E. A. MILLER,	" A. L. MILLER.
Mrs. E. WOODWARD,	" M. ROSS,	

MERITORIOUS CERTIFICATE.

Miss J. REES,	Miss M. A. AMES,	Mrs. A. E. VAN CAMP,
" P. MARQUIZ,	" C. L. BREWER,	Miss K. DAVIES,
" E. BOBB,	Miss I. H. FERGUSON,	" H. O. WHITE,
" H. M. TURNER,	" E. DERUSSY,	" L. LOGAN.
Mr. G. E. FELLOWS,	" N. LYLE,	
Miss E. VAUGHT,	" L. HINCKS,	

SATISFACTORY CERTIFICATE.

Miss M. BRIDGINS,	Miss E. HALSEY,	Miss M. BOULIGNY,
" E. QUAYLE,	" J. SEEMORE,	" L. M. BOULIGNY,
" L. J. MURPHY,	Mrs. F. XIQUES,	" A. C. PRADERE,
" F. C. HEDGES,	" C. E. BOULLEMET,	Mrs. R. C. HITCHCOCK,
" E. A. HAZARD,	Miss J. E. BONFORD,	Miss H. DIAMOND,
" E. S. ROSSNER,	" L. BERTUS,	" F. BURTON,
" ZOE WARREN,	" O. H. MOOD,	Mrs. R. C. SHORTRIDGE.
" H. TRAVERS,	" T. H. HALBERG,	

LIBRARIES.

The State Library, containing 26,000 volumes, is deposited in the Law Building, corner of Common and Dryades streets, and is open daily from 9, A. M., to 3, P. M., and from 4 to 6, P. M.

Students have the use of books free of charge. This Library includes a very valuable collection of Foreign and American Law Books and Law Reports, and of historical and documentary works.

The Fisk Library contains about 8000 volumes, and is increased yearly at the rate of about 1000 volumes. It contains the best standard works and current literature, including all the leading literary periodicals. The Reading Room of this Library is open to the public from 9, A. M., to 9, P. M., and is largely attended by an intelligent class of readers. Persons employed during the day are warmly urged to use the Reading Room during the evening. Every facility is given to readers for finding the books and information they desire.

The Tulane Library contains valuable scientific and literary publications and is a depository of public documents; constant accessions are made to it through donations and purchase. It already contains about 7,500 volumes, embracing many choice literary and scientific works. The Medical Section of the Library numbers about 3400 volumes. This section of the Library is kept in a separate room, and is open to members of the Medical Profession and other authorized persons.

The Scientific Section includes a donation of about 1200 volumes from the New Orleans Academy of Sciences, and is constantly receiving accessions of valuable scientific publications which are sent by way of exchange to the Academy of Sciences from the leading Scientific Bodies of the World, or which are purchased by the University. Readers and students in this section have access to the large and very valuable private library of Prof Ordway. The leading scientific periodicals of this country and of Europe are received.

The Literary Section of the Library contains the best editions of Standard French and English authors, and a fine edition of Teubner's Latin and Greek classics, 205 volumes.

At the close of the late Exposition, among many other valuable gifts received, one worthy of very special mention is the valuable donation from the French Government of 190 volumes, chiefly publications of the Ecole des Mines, and Ecole des Ponts et Chaussées.

By the recent transfer of the library and effects of the Southern Art Union to Tulane University, about 5000 volumes more have been added to the library, besides a large number of casts, some pictures, and other valuable assets. This addition to the library has determined the Administrators, in pursuance of the liberal policy, which has actuated them from the origin of the institution, to offer not only these books but several

thousand more, which are suitable for the purpose, as a FREE CIRCULATING LIBRARY, and the public is invited to avail itself freely of the use and advantages afforded.

The accessions to the library during the past year have been as follows:

I. BY DONATION.

	VOLS.
From Maj. B. M. Harrod: Miscellaneous Works.....	207
“ Mr. S. L. Twichell: “ “	182
“ Mrs. C. P. Danks, and } “ Dr. F. E. Robertson: }	78
“ Miss E. L. Potts: “ “	87
“ Mr. W. A. Wheeldon: “ “	17
“ Col. Wm. P. Johnston: “ “	55
“ Mrs. R. W. Adams: “ “	45
“ Mr. Jos. Maillé: Law Books,	6
“ Hon. W. Easton: La. Educational Reports.....	9
“ Rev. W. K. Douglas: Miscellaneous “	5
“ Mrs. Minton: “ “	4
“ Gen. R. L. Gibson: “ “	3
“ Mr. W. H. Coleman: “ “	2
“ Mr. F. R. Southmayd: “ “	4
“ Mr. N. H. Winchell: “ “	1
“ Mr. H. Ginder: “ “	1
“ Dr. & Mrs. T. G. Richardson “ “	23
“ Prof. H. A. Ward: “ “	1
“ Rev. J. N. Galleher: “ “	1
“ Dr. A. Mercier: “ “	3
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From Dr. D. C. Holliday: chiefly Medical Works.....	322
“ N. O. Med. & Surg. Soc. “ “	232
“ Dr. S. E. Chaillé: Medical Journal.....	5
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From the French Government through Mr. Farjas, chiefly publications of the Ecole des Mines, and Ecole des Ponts et Chaussées....	190
Through the kindness of Gen. Gibson and Mr. King, U. S. Govern- ment Publications.....	85
From Dr. Joseph Jones, (through Academy of Sciences.).....	2
“ Prof. R. S. McCulloch, (through Academy of Sciences.)	3
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Total by donation.....	1573
II. BY PURCHASE.	753
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Total increase of Library of University	2326

In addition to these, the Library has received the exchanges of the N. O. Academy of Sciences, consisting of the publications of other scientific societies.

FISK LIBRARY.

DONATIONS.

	VOLS.
From Mrs. B. Perkins: Miscellaneous.....	27
“ Mr. Jos. Maille: “	1
“ Mr. J. R. G. Pitkin: “	1
Total.....	29
BY PURCHASE.....	1059
Total increase.....	1088

Showing a total increase in the Tulane Libraries of 3414 volumes; to which must be added the accession by transfer of the books of the Southern Art Union, 5000 volumes, making a total increase of 8414 volumes.

MUSEUM.

The establishment of a Museum was commenced only a year ago, in July, 1885. Through various concurring circumstances, favoring the undertaking, we have already a very handsome nucleus, which is bound to grow to large dimensions. By the generous gift of Mr. Tulane, we were able to purchase from Mr. Ward, of Rochester, N. Y., three distinct collections, at the price of \$10,000.

These are: 1st—a series of Minerals, containing about 900 specimens, many of them large, handsome and rare; 2d—a large collection of Paleontological specimens, representing the various ages and periods of Geological time, arranged in chronological order; 3d—a series of Zoological forms, illustrating the modern types of life, both vertebrate and invertebrate. These constitute very satisfactory cabinets for the teaching of the different departments of science concerned.

Besides this source, we have obtained much valuable material, of various characters, from the N. O. Academy of Sciences, which last year donated its entire collection to the University. Among other things thus obtained may be mentioned a series of Louisiana rocks collected by Prof. Hilgard, and a large number of botanical specimens, which are now being mounted and arranged by Prof. Joor, the Botanist of the University.

Much other material has come into our possession by purchase, by individual gift, and from the various State and private exhibits of the late Expositions held in New Orleans.

We append a list of the donations received outside the large collections noted above:

From Henry Ginder, Esq., N. O., collection of valuable stones—mosaics, cameos, etc.

From Hon. J. Walker Fearn, N. O., Indian bow and arrows; whale tooth.

From Maj. B. M. Harrod, N. O., Several specimens of shells.

From Mr. A. S. Wheeler, N. O., One perforated stone-axe.

From Mr. Stafford, N. O., Coins and paper currency (U. S.)

From Mr. Joseph Bayle, N. O., Several old newspapers (1800-3).

From M. Pedrolì Francesco, Paris newspaper published during the siege.

From Mr. W. H. Garland, Amite, La., Flint spear head and specimen of Ferruginous sandstone.

From Miss. M. C. Caldwell, Charleston, S. C., One Spanish button (silver, 300 years old).

From Master Warren Reed, N. O., Arrow heads (N. C.)

From Prof. John M. Ordway, N. O., a collection of minerals and rocks; classified cottons; coins; piece Indian pottery; botanical specimens.

From Mrs. P. N. Strong, N. O., 2 Emu eggs, from Australia.

From Prof. S. E. Chaillé, Set of minerals and rocks.

From Dr. F. Lascar, N. O., about 300 botanical specimens (medicinal).

From Prof. Brown Ayres, coins.

From Miss Ermeline Smith, N. J., Indian wampum and broach.

From Mr. Julius Kruttschnitt, N. O., Large specimens of Fossiliferous limestone, also specimens of Calcite, Texas.

From Mr. M. F. Bigney, N. O., Sea-weeds from California, and specimen of Louisiana sandstone.

From Mrs. Florian Schaffter, N. O., Egg capsules of *Pyrula*.

From Prof. C. von Kewenter, N. O., Collection of curios from Sweden, Italy and Russia.

From M. Leon, Mexico, Antiquities, woods, resins, seeds, botanical specimens, etc., from Mexico.

From Mrs. Gecks, Honduras, Shells, sea-urchins, crabs, sea weeds, from Honduras.

From Mr. F. Turney, N. O., Collection of insects.

From Judge E. T. Merrick, N. O., Specimens of North Carolina magnetite.

From Capt. Fred. Smith, N. O., Shells and star-fishes from Chande-
leur Island.

From Mr. Milton C. Randall, N. O., Tooth of sperm whale.

From Mr. Alfred Raymond, N. O., Collection of Florida shells.

From "A Friend" through Mr. P. N. Strong, Map of New Orleans
(1815).

From Dr. J. R. Walker, N. O., Piece of U. S. fractional currency,
also specimen of Indian Bread (Fungus).

From Mrs. M. F. Robertson, Houma, La., A collection of shells
and sea-weed.

From Capt. Wm. Baker, N. O., Burmese idol.

From Mr. P. N. Strong, N. O., Scorpion in alcohol.

From Prof. Cummins, Texas, Texas agates, Unios from Trinity river,
Texas.

From Mr. E. F. Denechaud, N. O., Australian battle axe.

From Mrs. F. Albin, Amite, La., Butterfly.

From Miss Sarah Ordway, Boston, About 400 mounted botanical
specimens.

From Sam'l Mullen, N. O., Set of minerals.

From the two Expositions lately held in New Orleans we have re-
ceived as follows:

ALABAMA (Exposition 1885-86). Through Commissioner A. Strass-
berger and Dr. Chas. Mohr; Specimens of coal, iron ore, phosphates,
clays, fossils, turpentine and resin.

ALASKA (Exposition 1885-6). Through Acting Commissioner A. J.
McNab: coal, limestones, ores of gold, silver, lead, antimony, copper
and iron; fish, guano, forestry.

ARKANSAS (Exposition 1884-5). Through Dr. J. Lewis: minerals
and ores. (Exposition 1885-6).—Through Gen. D. McRae and Dr. J.
G. Lewis, Commissioners: coal, gypsum, Ouachita stone, limestone,
sandstone, granite, salt, clays, marls, fossils, ores of silver, lead, copper,
antimony, nickel, zinc and iron; also a large and valuable collection of
forestry.

CALIFORNIA (Exposition 1884-5). Through Commissioner: miner-
als; through Prof. Hancks: photographs; through Prof. Lemmon:
specimens of salt.

COLORADO (Exposition 1885-6). Through Mrs. Olive Wright, Com-
missioner: maps, plans and photograp of Chrysolite Mine; ores, petro-
leum, mineral wax, coal, granite, limestone, porphyry, clays, stucco work,
glassware. Also, through Commissioner J. H. Newcome: silver, lead
and copper ores.

DAKOTA (Exposition 1884-5). Through commissioner: petrified
wood. (Exposition 1885-6).—Through Commissioner L. Dunlap: ores

of gold, silver, lead, copper, tin and iron; granite quartzite, limestone, sandstone, petrifications, two Indian mills, specimens of forestry.

FLORIDA (Exposition 1884-5). Through W. H. Sebring, Commissioner: iron ores, coral rock.

GEORGIA (Exposition 1885-6). Through Mr. N. P. Pratt: minerals.

ILLINOIS (Exposition 1885-6). Through Commissioner T. H. Glenn: fossils, coal, clays, brick and pottery, salt, glassware, show-case.

IOWA (Exposition 1885-6). Through Commissioner H. S. Fairall: coal, limestone, sandstone.

KANSAS (Exposition 1885-6). Through commissioner: limestone.

LOUISIANA (Exposition 1885-6). Through Col. D. F. Boyd, Commissioner: iron ore, gypsum, marl, kaolin, clays, sandstones, petrifications; also a large and complete forestry exhibit.

INDIANA (Exposition 1884-5). Through Gen. J. R. Carnahan, Commissioner: limestone, building stones, tiles, brick, coal, forestry. (Exposition 1885-6).—Through Lewis Metesser, Commissioner: coal, limestone.

MISSISSIPPI (Exposition 1885-6). Through A. & M. College: the entire forestry exhibit, classified collection of wools and cottons, iron ore, lignite, agates, sandstones, limestone, clays, fossils.

KENTUCKY (Exposition 1884-5). Through Prof. Proctor, State Geologist: entire display of forestry; minerals and soils. (Exposition 1885-6).—Through Commissioner J. Soule Smith: coal, iron ore, clay, pottery, hemp, hemp-brake, hempseed, wheat, tobacco; stone sill from old Ky, Central R. R.

MAINE (Exposition 1885-6). Through J. B. Ham, Commissioner: specimens of wood-pulp board.

NEW JERSEY (Exposition 1884-5): iron and zinc ores, clays,. (Exposition 1885-6).—Through Gen. Barney, Commissioner: iron and zinc ores. Handsome collection of terra cotta work, through kindness of Mr. Ford, Agent.

MISSOURI (Exposition 1884-5). Through Commissioner Hilder: forestry. (Exposition 1885-86).—Through Charles L. Squires, Commissioner: lead ore, limestone, sandstones; iron ore, donated by Missouri Pacific R. R.; marble, from Mr. Cooper.

NEVADA (Exposition 1885-6). Through W. H. Havenor, Commissioner: iron and silver ore.

NEW MEXICO (Exposition 1885-6). Through Hon. W. B. Sloan, Commissioner: Ores of gold, silver, lead, copper and iron; "speiss," "matte," and slag; coal and coke.

MICHIGAN (Exposition 1884-5). Through A. C. Davis, Commissioner, and F. W. Noble, General Manager: Minerals, copper, forestry.

MINNESOTA (Exposition 1884-5). Through Prof. Winchell: Minerals, clays, peat; geological reports.

MONTANA (Exposition 1884-5): Specimens of silver and copper ores; petrified wood.

OHIO (Exposition 1884-5): Brick clay; coals; terra-cotta work; (Exposition 1885-6). Through Commissioner Stultze; terra-cotta, ornamental brick; flax.

PENNSYLVANIA (Exposition 1884-5). Through Commissioner Thomas: large block anthracite coal; minerals; maps.

NEBRASKA (Exposition 1884-5). Through Ex-Governor R. W. Furniss: forestry, building stones, soils, coals.

NEW YORK (Exposition 1884-5). Entire stratigraphical and geological collection.

RHODE ISLAND (Exposition 1885-6). Through W. C. Bates, Commissioner: graphite and iron, photographs and specimens of school work.

OREGON (Exposition 1884-5). Through Commissioner Allan: minerals, an excellent set of forestry specimens.

SOUTH CAROLINA (Exposition 1884-5). Woods, soils, phosphates. (Exposition 1885-6). Through A. L. Redden, Acting Commissioner: phosphate rock, prepared phosphates, granite, kaolin, specimens of cotton manufacture.

TENNESSEE (Exposition 1885-6). Through L. B. McWhirter, Commissioner: specimens of coal, iron, clays.

TEXAS (Exposition 1884-5). Through Col. Elliott, Commissioner: entire collection of forestry. (Exposition 1885-6). Through Commissioners Johnson, Andrew, Cummins and De Ryee: coal, ores of iron, copper, lead and silver; granite, limestones, sandstones, salt, gypsum, marls; fossils, clays and brick.

UTAH (Exposition 1885-6). Through Gen. P. E. Connor, Commissioner: ores of gold, silver, lead, copper, antimony and iron; mineral wax, sulphur, coal, granite, limestone, salt.

VERMONT (Exposition 1885-6). Through J. B. Meade, Commissioner: specimens of slate; books.

WASHINGTON TERRITORY (Exposition 1885-6). Through Ezra Meeker, Commissioner: coal, calcareous tufa, clays and brick; also forestry specimens.

WYOMING (Exposition 1885-6). Through Franklin Pierce, Acting Commissioner: coal, iron ore, sandstone, brick, salt, gypsum, crude petroleum.

WEST VIRGINIA (Exposition 1885-6). Through C. M. Pendleton, Commissioner: iron ore, limestone, sandstone, clay, brick, crude petroleum.

WISCONSIN (Exposition 1884-5). Iron ore, show case, photographic views.

From Messrs. W. George & Son, Detroit; set of panels from native woods.

From Detroit City Glass Works: glass globe.

From Miss S. Mimms: handsome collection of grasses.

From Mrs. G. De A. Watson: minerals and woods of Washington Territory.

From Mrs. E. P. Godfrey: minerals and collections of gold and silver ores from mines in Colorado.

From Col. C. S. Hill, U. S. Diplomatic and Consular Agent (Exposition 1885-6): Two hemispheres; show-cases; glassware; maps; charts; ornamental objects.

JAMAICA (Exposition 1884-5). Through D. Morris: botanical and arborical collections.

REPUBLIC OF HONDURAS. Entire Exhibit. Collection of woods, barks, fibres, medicinal substances, gums, dye-stuffs, vegetable wax, sugar, molasses, living plants, ores of gold, silver, lead, copper, iron; through Dr. R. Fritzgaertner, commissioner.

FRENCH REPUBLIC (Exposition 1884-5). Through Mr. B. Buisson, Commissioner: casts and models. (Exposition 1885-6). Through H. Farjas: large collection of garden seeds, grains and grasses in glass jars.

BIRMINGHAM, ENG. (Exposition 1884-5). Model of school-houses, educational exhibit.

JAPAN (Exposition 1884-5). Engravings of Imperial college, Tokio. Specimens of minerals and products.

SWEDEN (Exposition 1884-5). Collection of slöjd work from schools of Stockholm, drawings received from Herr Otto Salomon of Nääs seminary.

From N. O. Times-Democrat: iron ores, gypsum and marls from Louisiana.

From Major D. A. Given: coal and iron ore.

From Col. C. W. Killburn: specimen of pine tree, "boxed" for turpentine.

From Dr. J. F. Joor: specimens of forestry, iron ore, vegetable ivory, etc.

DISCIPLINE.

Tulane University is, in tone, Christian, but not Sectarian. This is the spirit it strives to inculcate. The discipline of the institution is mild, but firm. The students are presumed to be gentlemen, and a high standard of honor and truthfulness is inculcated and maintained. When a student is found deficient in either, or is so delinquent in industry or punctuality as to offer a bad example to his comrades, his parents are respect-

fully notified to withdraw him. Habitual immorality, or any gross breach of discipline, is visited with suspension, dismissal or expulsion, according to the circumstances.

In order to avail itself of the full benefit of parental aid and control in securing good conduct and punctuality, the University advises parents *immediately* of all cases of bad conduct, absence or tardiness by their sons. Monthly reports of class standing, progress and conduct are also sent; and, also at the end of each half session, a circular summarizing those facts, together with the results of his examinations.

Students in the High School are under the supervision of a Professor during school hours.

College students, whose parents do not reside in the city, are required to have a guardian, who stands in the place of a parent, and to whom reports are made.

University students will be allowed the fullest freedom consistent with good order.

At the beginning of this collegiate year the following arrangements were made for the good government of the students, and having been duly accepted by all the college students no other discipline has since been found necessary. No cases have occurred requiring Faculty action.

ORGANIZATION AND RULES FOR THE DISCIPLINE OF TULANE COLLEGE.

TULANE UNIVERSITY OF LA. }
NEW ORLEANS, Nov. 16th, 1885. }

1. The regularly matriculated students in Tulane College shall constitute its Academic Corps.

2. For the good government of the Academic Corps, the Freshman, Sophomore and Junior Classes shall each elect quarterly, and the Senior Class, annually, a President, Vice-President and Secretary, whose duty it shall be to preserve order in its study rooms, and to enforce the discipline of the University in the class. In case of persistent violation of order or breaches of discipline, the Class President shall present the case to the Board of Directors of the Academic Corps, who, when necessary or advisable, shall present the facts to the Faculty for action.

3. The Board of Directors shall consist of the Senior President, who shall be *ex-officio* President, the Junior President, who shall be *ex-officio* Vice-President, and the Sophomore and Freshman Presidents, who shall be *ex-officio* Secretaries; and of eight members who shall consist of the Vice-Presidents and Secretaries of the four classes.

4. The Board of Directors shall have cognizance of all cases brought before them by the Class Officers; and also of all matters touch-

ing the general discipline and welfare of the Academic Corps. They shall constitute a Court of Honor, to which shall be referred all quarrels not otherwise adjusted, and their decisions shall be obligatory upon the parties, unless reversed by the Faculty. But an appeal shall be allowed to the Faculty in all cases, and its decisions shall be final.

7. Students who shall make the following written pledge, shall be entitled to the privileges of the University:

"I hereby promise that during the time intervening from leaving home in the morning until my return thither, I will not enter any place where liquor or lottery tickets are sold, nor any place of amusement without permission, nor any improper place of any sort; and I will observe the rules and regulations for discipline and good order, and conduct myself honorably and decorously, and will do nothing to bring my own good name or that of the University into disrepute."

College students who have given the above pledge, shall be entitled to the following privileges, to-wit: To the freedom of the College precincts; to enter the library at pleasure, and during the hour of intermission from noon till one o'clock to go beyond College precincts for exercise, and to go home as soon as their lectures and recitations for the day are finished.

The proper place of study for students is in their respective class study rooms.

Students declining to take the above pledge will be required to remain in their class study rooms, when not in class, from 9, A. M. to 4, P. M.

In the foregoing pledge, smoking in College precincts, and any games therein, will be considered breaches of discipline and good conduct.

BOARD AND LODGING.

Students can obtain board and lodging at from \$20 to \$25 per month in approved boarding houses or private families. The University authorities pay particular attention to placing them, according to the wishes of their families, under such religious or social influences as may be indicated. Special arrangements are made, through leading gentlemen, with Roman Catholic, Protestant and Jewish families of culture, and of American, French, German or Spanish nationality, to receive our students as boarders. They thus have the direct religious and social influences desired, and the opportunity to obtain a familiar knowledge of any modern language in which they especially wish practice.

EXPENSES.

The tuition fee for a session of nine months is \$50, payable in installments of \$12.50 at the beginning of each quarter-session. Bills are pre-

sented, therefore, and must be promptly paid, on October 7th, December 9th, February 17th, and April 21st.

No deduction is made when a student enters after the beginning, or leaves before the close of a quarter-session.

The charge of fifty dollars per annum is uniform for students of the High School, College and Law Departments.

In the Law Department, the annual charge of \$50 is paid at matriculation.

Candidates for the degree of Doctor of Philosophy are exempt from tuition fees.

Students furnish their own books, drawing instruments and drawing utensils, and are required to pay the cost of the apparatus which may be broken or damaged by them in the laboratories or about the University property.

The cost of books averages about \$10 per year.

There are no extra charges.

DAILY SESSION.

The daily session begins at 9, A. M., and ends at 4, P. M., with an hour's intermission from 12, M. to 1, P. M.

LOCATION.

The buildings, which are large and commodious, are situated in the centre of the city, on Baronne, Common and Dryades Streets. Two are occupied by the Academical Department and its adjunct High School, one by the Medical Department, and one by the Law Department and State Library. The generous donation by Mr. Paul Tulane, of Princeton, New Jersey, of the building formerly known as the Mechanics' Institute, gives ample space for the rapidly growing needs of the University. The Medical Department has the use of the great Charity Hospital for practical instruction in Clinical Medicine and Surgery. The building, formerly known as Turner's Hall, purchased for the Manual Training School, is conveniently located on the corner of Lafayette and Dryades Streets, and is well adapted to the wants of this branch of instruction.

The wisdom of founding seats of learning in centres of population is beyond dispute. The fact that the chief universities and colleges of England are located, for the most part, in small towns is adduced by Matthew Arnold as the chief reason why so few students in that country, in proportion to the large population, come under higher instruction. And he advocates, as the first step to be taken in educational reform, the establishment of new institutions for higher instruction in the centres of population of England. A movement is now going on for the establish-

ment of a Teaching University in London. The Tulane University of Louisiana, is located here, at the doors of nearly 250,000 people—almost the third of the population of the State; and the rapid increase in the railroad and other transportation facilities to New Orleans is making it every day more and more accessible from all quarters.

Notwithstanding the occasional outbreaks of yellow fever, New Orleans is, perhaps, the healthiest city of its size in the United States. Epidemics visit it only at intervals of years,* and prevail only in the summer vacations, and, possibly, in the month of October. They do not interfere, therefore, with the practical working of the University.

ATTENDANCE.

During the session 1885-6 there were in the different departments of the University the following number of students:

High School	228
University and College.....	59
Law Department	30
Medical Department.....	266
Total	583

*The following extract from the special catalogue of the Medical Department of the University is of interest in this connection:

"The ungenerous attempt to prejudice students against coming to New Orleans by the publication of unfavorable statements concerning the health of the city, is unworthy of notice, except to inform any who may be ignorant of the fact that only two epidemics of Yellow Fever have occurred here in twenty-five years. During the forty-four years of the existence of the institution, no student has died from this cause during the lecture term. Indeed, we think it may be shown that the mortality among the students of the University, from all causes combined, is less than that in any other Medical College in the United States. In proof of this, we take great pleasure in referring to the fact that only a single death has taken place during the term, since 1872."



LAW DEPARTMENT.

FACULTY.

WILLIAM FRANCIS MELLEN, LL. D., DEAN.

RANDELL HUNT, LL. D., EMERITUS RECTOR,
Professor of Constitutional Law, Commercial Law, and the Law of Evidence.

WILLIAM FRANCIS MELLEN, LL. D.,
Professor of Common Law and Equity Jurisprudence, and Lecturer on Criminal Law and the Law of Pleading.

HENRY CARLETON MILLER,
Professor of Admiralty and International Law.

HENRY DENIS.
Professor of Civil Law, and Lecturer on the Land Laws of the United States.

By reference to the *Historical Statement*, it will be seen that the Law Department was organized in 1847. Under a series of distinguished professors, it has been in successful operation ever since.

The Degree of Bachelor of Laws granted by the University entitles the person on whom it is conferred to admission to the bar of this State. The graduates of the school constitute a large number of the most respectable practitioners of law in Louisiana. Some of them now occupy high judicial positions.

The great fountain of the jurisprudence of Louisiana is the Roman Civil Law. While it is necessary to study here, as in other States of the Union, the Laws of Nature and of Nations; Admiralty and Maritime Law; the Common Law; Equity and Constitutional Law; it becomes absolutely requisite to add to these the study of the Civil Law—from which the provisions of the Code of Louisiana are mainly borrowed.

The lectures and course of studies are comprehensive. The Faculty aim to prepare the student for admission to the bar, not only in this State, *but also in any of the Common Law States of the Union*. The school is not designed or limited to educate one for the practice of the law in Louisiana only. It invites to its lectures all who wish to fit themselves for the practice of the law, no matter where they now reside or in what State they may intend to follow this noble calling. The study of the two great systems of law, side by side, is to the student of any intellectual grasp a long step in the science of Comparative Jurisprudence.

The jurisprudence arising from the conflict of the law of different States and Nations, in their actual application to modern commerce and intercourse, is here practically taught by cases daily arising in the business of private persons.

The Supreme Court, the various courts of the State, the Circuit Court and the District Court of the United States, hold their sessions in New Orleans during the whole period of the course of lectures of this department of the University. Thus, from the actual administration of justice in these courts, from the discussions at the bar and the opinions of the learned judges, as well as from the lectures of the Professors of the Law Department of the University, students have an opportunity of becoming acquainted with the theory of foreign laws as well as of our own laws, and of familiarizing themselves with the practice of the State and Federal Courts.

The Library of the State has been suitably arranged over the lecture room

In the University building, devoted to the Department of Law, corner of Common and Dryades streets. This library consists of nearly thirty thousand volumes, and includes a highly valuable collection of foreign and American legal works, and of Law Reports. During term time, it is open daily from 9, A. M., until 3, P. M., and from 4, P. M., until 6, P. M. The use of the books is secured to students free of charge, under rules established by the Secretary of State.

Boarding in New Orleans for students can be had at moderate prices. No other city in the Union affords equal advantages for the acquisition of the modern languages.

REGULATIONS.

Every applicant for admission must be personally known to one of the Professors, or satisfactorily introduced.

Instruction will be given at the school daily during term time by Lectures and Expositions, and Examinations in connection with them.

Moot Courts will be held for the instruction of the students in practice.

There will be a regular Public Commencement of the Department every year.

The faculty will, previous to the Commencement, determine upon the qualifications of applicants for the Degree of Bachelor of Laws, and present their names to the Administrators.

The Degree of Bachelor of Laws will be conferred on those students only who shall have attended *two full courses* of Lectures; or *one full course*, after having pursued their studies for the term of twelve months under the direction of a respectable Counselor at Law, or in an institution having power to confer the Degree of Bachelor of Laws, *and* who shall, on examination by the Professors, be found worthy of the honor.

The Degree will be conferred on Commencement Day, in public, according to the forms usually observed in Universities.

The Degree will not be conferred on any student under the age of twenty-one years. Students will take notice that petitions to be exempted from the operation of this rule will not be received by the Faculty.

Every graduate of this Department is entitled to attend the Lectures without charge.

No matriculation fee is now required. Diplomas will be granted without charge therefor. Fifty dollars, payable in advance, is the only charge made by this Department for the lectures and instructions of an entire session.

Students may enter at any stage of their professional studies; and at any time in the term; they may avail themselves of the advantages of the school in whatever manner and to whatever extent they may see fit. But those who join the class after the 15th of January, will not be considered as having taken a full course.

The next annual session of this Department will commence Monday, November 15th, 1886, and terminate in the ensuing month of May.

These exercises for the session 1886-7, will be opened by the Dean, by public Lecture, at 6:30, P. M., on the 15th day of November.

Daily thereafter, at the customary hours, the regular lectures of the session will be delivered. These lectures will be open to none but matriculates and graduates of this Law School, except upon special invitation.

All communications should be addressed to

WILLIAM F. MELLEN,

Dean of the Faculty of Law,

10 Carondelet Street.

New Orleans, La.

LAW GRADUATES OF 1886.

HENRY BERNSTEIN,
OSCAR DOMINIQUE BILLON,
HENRY JOSIAH CARTER,
DAVID BLACKSHEAR HAMILTON CHAFFE,
JOHN DALE,
ANDREW FITZPATRICK, A. B.,
WILLIAM JOSEPH GAHAN,
WILLIAM CARTWRIGHT GORDON,
ALBIN PROVOSTY,
DON E. SORELLE,
JAMES ZACHARIE SPEARING,
CHARLES BURKE STAFFORD,
JOHN ST. PAUL,
BENJAMIN FARRAR YOUNG.

TEXT BOOKS OF THE LAW DEPARTMENT.

KENT'S COMMENTARIES,
WOOLSEY'S INTERNATIONAL LAW,
WHEATON'S INTERNATIONAL LAW,
CONKLING'S U. S. ADMIRALTY.

CIVIL CODE OF LA. AND CODE OF PRACTICE,
COOPER'S JUSTINIAN,
LAURENT, COURS DE DROIT CIVIL,
MARCADÉ ON THE FRENCH CODE, or
MOURLON REPETITIONS ECRITES, ETC.

BLACKSTONE'S COMMENTARIES,
STORY'S EQUITY,
SMITH'S MANUAL OF EQUITY.

SMITH'S MERCANTILE LAW,
STORY ON BILLS OF EXCHANGE AND PROMISSORY NOTES,
ABBOTT ON SHIPPING,
ARNOULD ON INSURANCE,
GREENLEAF ON EVIDENCE.

MEDICAL DEPARTMENT.

R E P O R T

AT THE

Annual Commencement, March 31st, 1886,

OF

PROF. STANFORD E. CHAILLÉ, M. D.,

Dean of the Medical Department,

TO

PROF. WM. PRESTON JOHNSTON,

President Tulane University of Louisiana.

MR. PRESIDENT:—A brief report, concerning the welfare and progress of the Medical Department, will, it is hoped, prove of interest to the honored administrators and to the many friends here present to commemorate our Annual Commencement.

The collegiate year, preceding the one now about to close, was marked by events calculated seriously to alarm the friends of this institution. It was deprived, by the death of Dr. Bemiss and by the resignation of Dr. Logan, of the services of two of its oldest, ablest and most influential professors. Further, the senior member of our Faculty, Prof. Richardson, resigned the deanship, in which office he had during twenty of the most critical years in the history of the Medical Department, guided it with rare fidelity and ability. Still further, Dr. A. B. Miles resigned, to the regret of the Faculty, the Demonstratorship of Anatomy, to which office he had given ten years of valuable and satisfactory service. A fifth serious injury was inflicted by the death of Patrick Carey, the faithful janitor, who, by sixteen years of devoted service, had secured a thorough knowledge of the numerous details requisite to the efficient discharge of his many responsible duties. Never before in the history of this institution were so many grave misfortunes incurred in so short a period.

Notwithstanding these serious causes for alarm, the Medical Department has been unusually prosperous. The present class numbers 266, which is 43 more than last year, and 36 more than any class since 1861; and, in the number of *bond fide* students, the present class exceeds, with three exceptions, all other classes during the fifty-two years' existence of this institution. Among the causes for this gratifying progress there are three which deserve consideration.

The members of the present faculty are heirs to predecessors, whose solid worth and well trained brains laid a firm foundation for an abiding prosperity. To their labor, the Medical Department owes its enviable reputation and the high position, in professional and public esteem, which has enabled it to endure unshaken the

grave misfortunes which I have deplored. To the example of these honored predecessors is due a spirit of emulation which incites every worthy successor to zealous efforts, that the high repute of the chair which each holds shall not be impaired by his possession of it. It is not for me to testify to the talents and learning of my colleagues; but, having had intimate knowledge of most of our predecessors, even of three members of the first Faculty of 1835, I will be pardoned for bearing witness, that this institution has never had a Faculty more faithful than the present in the discharge of duty.

Notwithstanding the present outcry against hard times, the population tributary to the Medical Department was blessed last year with good crops and with well earned success, and to this is in part due our increased numbers. During the past twenty years our prosperity has always varied, notably with the public welfare. It would be natural to suppose that if disease benefited *anything* it would be a *medical* college, and yet every epidemic of yellow fever has been followed by a marked decrease in the size of our class.

A third and perhaps the chief cause, for the increased prosperity of the present session, is found in the adoption of the Medical Department by the Tulane University. Although this was effected in 1884, yet the present session is the first which could begin to reap the many benefits, which an unpolitical and a more permanent Board of Administrators—possessed of the power which money gives and of the wisdom needful for its judicious expenditure—has conferred, and is destined still more signally to confer on every department of the University. Although Paul Tulane, the wise and generous benefactor of Louisiana, may not have specially intended to aid in founding more firmly the Medical Department, yet such has been one of many other good results incidental to his noble benefaction. And, it is hoped that his declining years may be cheered by the assurance, that from this day forth, many thousands of the afflicted will owe largely to him that skilled attention which serves to heal the sick and to soothe the dying.

Allusion has been made to the fifty-two years' existence of this institution. Founded in 1834, as the "Medical College of Louisiana," it began with eleven students and conferred its first diplomas, in 1836, on fourteen. In 1843, when the State first came to its aid, the class numbered only thirty-eight. In 1847, the class had increased to one hundred and sixty-six; *then* the Medical College of Louisiana became the "Medical Department of the University of Louisiana," in the founding of which University the Medical College was the chief agent; and *then* the present building, which cost the State \$40,000, was first occupied. In 1850 and 1853 the State expended \$31,000 for the museum and laboratories, and in 1860 and 1861 the classes numbered over four hundred. From May, 1862, to October, 1865, three disastrous years of war, the doors of the Medical Department were closed. Since then its classes have varied in number with the prosperity of this section. From two hundred and thirty students in 1867, the number gradually declined to only one hundred and five in 1875—a time when political maladministration cast a cloud of despair over every hope. Rescued at last from a thralldom which blighted every good thing, a continuous progress has marked the past eleven years, so that our classes have increased from 105 in 1875 to 266 in 1886.

During the forty-nine sessions held in the fifty-two years' existence of this institution it has had 8011 students, and it has conferred diplomas on 2350 of these,

namely, on 2199 Doctors of Medicine and 151 Masters of Pharmacy. The two senior members of the present faculty have aided in educating 5126 of these 8011 students, and 1642 of these 2350 graduates. Having become a part of this institution in 1858, at the dawn of its greatest prosperity, they have witnessed such variations of fortune as are indicated by a class of 404 in 1861 and of 105 in 1875.

Now, once more, the future of the Medical Department is full of promise. What this future may be, the past indicates. The three classes which exceeded in number the present class were those of 1859 with 333 students, of 1860 with 402, and of 1861 with 404. For this brief exceptional prosperity there were exceptional causes.

Sectional hostility had become so great that Southern students in large numbers abandoned Northern colleges in favor of those at the South; the general prosperity of this section was then at its maximum; the deficiency of railroads caused a larger number of students than now to remain nearer home; there were then few if any of the numerous cheap medical colleges which now compete with this institution by underbidding, charging very small fees, as is just, for very inferior educational advantages; and finally, our college was apparently benefited by the competition of the N. O. School of Medicine, which, organized in 1856, had 236 students in 1861. In fact, our two ante-bellum medical colleges attracted to New Orleans 618 medical students in 1860, and 640 in 1861. Thus twenty-five years ago New Orleans was one of the greatest centres of medical education in the United States, and this institution was, in the number of its students, the third in America.

This city should be restored to this commanding position. The 55,000,000 population of the United States have 89 regular medical colleges, with about 10,000 medical students. Eight of these medical colleges have each from 300 to 600 students, and seven of these colleges have from 200 to 300 students. The population geographically tributary to New Orleans, as a medical centre, is at least 6,000,000, and the number of medical students to which this city is *therefore* entitled varies from not less than 500 to more than 1000—depending on whether the total population or solely the white population be considered.

To a medical college of the first class a great hospital is indispensable, and there cannot be such a hospital except in a large city. In this most important particular our nearest competitor is St. Louis, and there is nothing to indicate that any nearer place is likely in the future to equal New Orleans in hospital advantages. This superiority of New Orleans as a great centre for medical education is much enhanced by the following facts: Our single great hospital is much more advantageous to students than are the numerous smaller hospitals which in most large cities supply its place; our Charity Hospital is fortunately administered exceptionally well, so that this superior management not only facilitates greatly the study of disease, but also constitutes in itself an invaluable lesson to the future physician; our hospital presents for study, better than any hospital in the world, the class of diseases which the physicians of the Southwest need most knowledge of; and, finally, exceptionally wise laws and customs give to medical students much easier access to our hospital and far better opportunity for the study of diseases therein, than are enjoyed by medical students in the hospitals of other large cities.

The advantage to the Medical Department of our great Charity Hospital can-

not be over estimated. To this is it chiefly due, that this college has for so many years occupied a pre-eminent position throughout a vast section of our country. As a result of this with other advantages, the Medical Department has been able, in spite of vigorous competition, and in spite of very inadequate aid from the State, to retain sole possession of New Orleans as a field for medical education. Shall this position be preserved; shall the advantages now possessed be utilized to the utmost; and shall this institution and this city be provided with all other advantages which are to be found in any great medical centre? I respectfully solicit the attention of those, whom the future will hold responsible for favorable answers to these questions, to the following facts:

All the knowledge of medicine accumulated by man to the year 1800, is surpassed by the amount acquired during the present century; and the future is destined to witness a continuous and still more astounding progress. Therefore, the thorough culture of medical knowledge requires that it shall be subdivided into more numerous branches; that the instructors in these branches shall be specially skilled experts; and that these shall be provided with libraries, museums and laboratories, amply supplied with the books, specimens, instruments and appliances to which modern science is constantly contributing improvements and additions, for, all of these things are indispensable to the *best* teaching and culture of the various branches. The day has passed when from \$50,000 to \$100,000 sufficed to provide a first-class Medical College. The best of these have cost from \$300,000 to \$500,000. Such colleges, and there are only three or four of them, demand from students applying for admission proofs of adequate preliminary knowledge; they enforce a graded course of at least three years; they demand greater attainments for graduation; they have lengthened their sessions; they have increased their corps of teachers; and they have endowed their chairs so that their professors are no longer dependent upon the number of students for their daily bread and, therefore, are no longer tempted to keep the standard of medical education as low as now contents, to its great detriment, an inappreciative public.

Our Board of Administrators has proved itself so wise and efficient, that I enjoy a firm faith that, through its instrumentality, the Medical Department will grow in usefulness and fame as rapidly as means may permit; and that the day will come when even the enthusiast in medical education will find such hopes, as I have intimated, realized.

Mr. President — I have repeatedly alluded to the size of the present class. It would be unjust to me to suppose that I value quantity more than quality, and it would be unjust to the class, should I close without allusion to its merits. Modern civilization is characterized by the more general education of the people and a wider dissemination of knowledge; hence, higher professional attainments are demanded by the public. For such reasons, there has been in progress for many years an improvement in the quality of medical students. These are no longer the vulgar rowdies graphically depicted in the literature of the past, but young gentlemen who possess as much courtesy and culture as characterize students in other departments of knowledge. It affords me exceeding gratification that I am enabled not only to testify to the industry and intelligence of the present class, but also to extend to every member of it my high appreciation of the prompt and cheerful deference al-

ways paid to the Dean's authority, and my heartfelt thanks for the kind and courteous consideration shown invariably to me, as also, no doubt, to every member of the Faculty. The class of 1886 is therefore commended, not merely for the number of its students, but also for their worth.

Especially confident of the worth of the *graduates* of the present class, it is no doubted that their careers will be prosperous and honorable, thus furnishing the best testimonials to the good work of the Medical Department, and thus serving to enlarge the usefulness and to extend the renown of the Tulane University of Louisiana.



TULANE HALL.

TULANE UNIVERSITY OF LOUISIANA.

(Formerly, 1847-1884, the University of Louisiana.)

PRESIDENT OF THE UNIVERSITY:

WM. PRESTON JOHNSTON, LL. D.

DEAN OF THE MEDICAL FACULTY:

STANFORD E. CHAILLÉ, M. D.,

MEDICAL FACULTY:

SAMUEL LOGAN, M. D.,

Emeritus Professor of Anatomy and Clinical Surgery.

T. G. RICHARDSON, M. D.,

Professor of General and Clinical Surgery.

STANFORD E. CHAILLÉ, M. D.,

Professor of Physiology and Pathological Anatomy.

* JOSEPH JONES, M. D.,

Professor of Chemistry and Clinical Medicine.

ERNEST S. LEWIS, M. D.,

Professor of General and Clinical Obstetrics and Diseases of Women and Children

JNO. B. ELLIOTT, M. D.,

Professor of the Theory and Practice of Medicine and of Clinical Medicine.

EDMOND SOUCHON, M. D.,

Professor of Anatomy and Clinical Surgery.

A. B. MILES, M. D.,

Professor of Materia Medica, Therapeutics and Hygiene.

LECTURERS AND DEMONSTRATORS:

STERLING D. KENNEDY, M. D., Lecturer upon Diseases of the Eye and Ear.

HENRY WM. BLANC, M. D., Lecturer on Dermatology.

RUDOLPH MATAS, M. D., Demonstrator of Anatomy.

A. MCSHANE, M. D., Assistant Demonstrator of Anatomy.

MEDICAL DEPARTMENT.

This institution, founded in 1834 as the "Medical College of Louisiana," became in 1847 the "Medical Department of the University of Louisiana" and in 1884 the "Medical Department of the Tulane University of Louisiana." To April, 1886, it had registered 8011 students, and of these it had conferred diplomas on 2350, namely, on 1200 graduates in medicine and 150 graduates in pharmacy.

In 1885, Prof. T. G. Richardson, M. D., after twenty years of faithful, able and satisfactory service, resigned, to the great regret of the Faculty, the deanship, but fortunately for this institution, not the Chair of Surgery. Also, to the great regret of the Faculty, Dr. A. B. Miles, at present House-Surgeon of the Charity Hospital, resigned the Demonstratorship of Anatomy, a post filled by him for ten years with ability and fidelity.

The next annual course of instruction in this department, now in the fifty-third year of its existence, will begin on Monday, October 18th, 1886, and end on Saturday, March 26th, 1887.* The commencement will be held on Wednesday, March 30th. The first four weeks of the term will be devoted exclusively to Clinical Medicine, Surgery, Obstetrics and Gynecology in the wards and amphitheatre of the Charity Hospital; Practical Chemistry in the Chemical Laboratory, under the direction of the Professor; and Practical Anatomy in the spacious and well-ventilated anatomical rooms of the University.

The peculiar feature of the school is its unequaled hospital advantages, to which the faculty would direct the special attention not only of medical students but also of graduates of other schools.

Clinical Instruction at the Charity Hospital.

It is universally admitted that without abundant anatomical and clinical material no medical school, however numerous or eloquent its professors, can possibly fit its pupils for practical professional life. It is scarcely necessary to state that it is only in large cities that such advantages can be procured; but it is of paramount importance that the opportunities there afforded should be properly utilized; that the students should be required, under the direction of the teacher, to examine patients for themselves, to keep record of cases, to note daily changes which may occur, and thus acquaint themselves by personal observation with the progress and termination of diseases and accidents. The mere introduction of a patient into an amphitheatre, and the discussion of his case by the professor in the presence of a large class, is no substitute for bed-side instruction such as is offered by the great Charity Hospital of New Orleans; and no reduction of lecture fees, not even their entire abolition, can possibly compensate for the lack of such opportunities. The use of the wards of this noble institution, with its *seven hundred beds* and an annual

*The attempt to prejudice students against New Orleans by the publication of unfavorable statements concerning the health of the city is unworthy of notice, except to inform anyone who may be ignorant of the fact that only two epidemics of Yellow Fever have occurred here since 1853. During the fifty-two years of the existence of the institution, no student has died from this cause during lecture term.

admission of from seven to eight thousand patients, has been given by acts of the Legislature to the Professors of the Medical Department of the Tulane University of Louisiana for the practical instruction of its students, not only in Medicine and Surgery, but also in Obstetrics and Gynecology. Medical students are given access to the Charity Hospital, without payment of any hospital-fees, and far better opportunities for the study of diseases therein than are usually enjoyed in the hospitals of other cities. Between the buildings of the Medical Department and of the Charity Hospital, there are only six squares, which distance is readily walked within six minutes.

The following table of 6790 cases, admitted in the Charity Hospital during the year 1885, will give some idea of the great advantages possessed by the University for the practical study of Medicine and Surgery.

DISEASES.	NUMBER OF CASES.	DISEASES.	NUMBER OF CASES.
Fever, etc.....	2475	Venereal.....	213
Nervous System.....	495	Bones and Joints.....	299
Circulatory ".....	217	Local Injuries and Diseases.....	904
Respiratory ".....	790	Eye and Ear.....	138
Digestive ".....	643	Skin.....	43
Genito Urinary Organs.....	217	All other diseases.....	64
Women (incl'ing 176 obstetrical cases)	202		

In addition to these 6790, "in-door" patients, there were, 13,585 "out-door" or visiting patients, many of whom were sent to the wards of the Professors for diagnosis and treatment. These out-door patients, furnished the following valuable material for instruction, viz: 5241 Medical and 4145 Surgical cases; 115 cases of Nervous and 1201 of Venereal diseases; 594 Gynecological cases; 911 cases of diseases of children and boys; and 1378 cases of diseases of the Eye and Ear. Of the grand total of 20,375 patients treated in the Charity Hospital in 1885, about 4500 were colored. Of the 52 wards, in the Charity Hospital, 16 are for females and 2 for children. There are 14 Surgical, 2 Obstetrical, 2 Gynecological wards, 2 for diseases of the Eye and Ear and 2 for Venereal diseases.

It is manifest that the facilities thus afforded for *genuine* clinical teaching are unsurpassed by any medical college in the United States; and that they are somewhat appreciated is attested by the size of the classes.

All the professors are Attending Physicians or Surgeons of the hospital, and visit their wards daily, accompanied by the students, who are thus brought into immediate contact with the sick and wounded, and are taught practically auscultation and percussion, analysis of urine, the application of dressings, etc. Surgical operations are performed, lectures delivered upon selected cases, and *post-mortem* examinations are made in the amphitheatre of the hospital.

Special instruction is given to the candidates for graduation, who are, for this purpose, divided into classes, assigned to the respective professors in charge of the wards in the hospital, and required to keep records of cases under their care. The classes thus formed interchange courses, so as to enable the candidates to enjoy equal advantages. Thoroughly competent Chiefs of Clinic aid the Clinical Teachers in developing to its full extent this system of instruction. Students who are not candidates for graduation make the daily hospital rounds with any of the Clinical

teachers. The following professors and their respective Chiefs of Clinic will be on duty the ensuing session:

PROF. T. G. RICHARDSON, M. D.....	{ CHAS. CHASSAIGNAC, M. D.	} Chiefs of Clinic,
" S. E. CHAILLÉ, M. D.....	{ F. H. BRICKELL, M. D.	
" JOSEPH JONES, M. D.....	{ CHAS. L. SEEMAN, M. D.	
" ERNEST S. LEWIS, M. D.....	{ STANHOPE JONES, M. D.	
" JOHN B. ELLIOTT, M. D.....	{ ARTHUR NOLTE, M. D.	
" J. F. Y. PAINE, M. D.....	{ G. B. LAWRASON, M. D.	
" EDMOND SOUCHON, M. D.....	{ J. H. BEMISS, M. D.	
	{ P. E. ARCHINARD, M. D.	
	{ JNO. J. LAURANS, M. D.	
	{ RUDOLPH MATAS, M. D.	

The regular lectures at the Hospital, on Clinical Medicine by Professors Elliott and Jones; on Surgery by Professors Richardson and Souchon; on Obstetrics and Diseases of Women and Children by Professors Lewis and Paine; and on Pathological Anatomy by Professor Chaillé, will be delivered in the amphitheatre, daily, from 8:30 to 12 A. M.

Post-mortem examinations are made in the presence of the class by the Professor of Pathological Anatomy.

Diseases of the Eye and Ear are taught in the eye-wards and amphitheatre of the Hospital, and constitute a part of the curriculum of the surgical chair.

The administrators of the Charity Hospital elect annually, by competitive examination in March, fourteen Resident Students, who are entitled to boarding and lodging in the institution free of charge.

Lectures.

Order of Lectures.—The programme will be so arranged that the lectures upon the elementary branches, Anatomy, Physiology, Materia Medica and Chemistry, will occupy a somewhat larger proportion of hours during the first ten weeks of the session than the practical studies, Practice of Medicine, Surgery, Obstetrics, Gynecology and Therapeutics. On this account it is very important that the students should enter promptly at the opening of the term.

Didactic Lectures.—Systematic didactic instruction in the various branches will be given daily, immediately after the Hospital clinics, in the central building of the University, situated on Common street, between Baronne and Dryades streets. The means for illustrating this course consist of models in wood, wax, plaster and papier maché of rare and beautiful workmanship, executed in London, Paris and Florence, expressly for the University; a complete series of specimens in materia medica; surgical and obstetrical instruments and appliances; a large collection of natural anatomical preparations; specimens in morbid anatomy; and an entire set of chemical and philosophical apparatus. The Professor of Anatomy, after every lecture, teaches microscopic anatomy practically with specimens under the microscope.

The faculty call special attention to the fact that the subject of Hygiene has been added to the regular curriculum of the school. One lecture a week will be delivered upon this important topic by Professor A. B. Miles, M. D., whose chair has been accordingly designated Materia Medica, Therapeutics and Hygiene. This course is obligatory upon students.

Requisites for Graduation.

- I.—The candidate must be of good moral character, and have attained the age of twenty-one years.
 - II.—He must present evidence of having studied medicine for at least three years under the direction of a regular graduate or practitioner of medicine of good standing, including the time spent in attendance upon lectures.
 - III.—He must have attended two complete courses of lectures and of dissections in a generally recognized medical college, the last of which must have been in this institution.
 - IV.—He must write a thesis on a medical subject and present it to the Dean one month before the close of the session.
 - V.—He must pass a satisfactory examination before the faculty.
 - VI.—He must have paid in full all college dues, including the graduation fee.
- (Students who intend to present themselves for examination are advised to write their thesis during the summer vacation.)

PREPARATORY COURSE.

The Academical Department of the University offers the following course as preliminary to the study of medicine at Fifty Dollars; with the privilege of the Drawing Class.

Biology, Chemistry, Rhetoric, German and English Literature.

This although recommended by the faculty is not obligatory, but will be received as equivalent to one year's study in a Physician's office.

Terms per Annual Session.

For the tickets of all the Professors.....	\$ 140 00
For the ticket of Practical Anatomy.....	10 00
Total Annual Fees.....	150 00
Matriculation (paid once only).....	5 00
Diploma in Medicine and Surgery (paid once only) ..	30 00

It will be noticed that the fees of the Department remain the same as those of the leading medical schools of New York and Philadelphia. Considering the unusual opportunities afforded for practical instruction, and the constant care and labor bestowed upon the pupils, the charges are reasonably low, and the Faculty, therefore, appeal to their professional brethren throughout the South and West to continue their support to an institution which does not seek to increase the size of its classes by pecuniary rivalry, but by offering a *full equivalent for its charges*.

Students who have attended and paid for two full courses of lectures, the last of which was in this institution, are entitled to attend thereafter without charge; and it is the earnest desire of the Faculty that they should avail themselves of this privilege, to the extent of at least one additional course, before applying for graduation. It is gratifying to be able to state that many members of the class annually follow this course and their high standing at the final examinations more than compensates them for their prolonged attendance upon lectures.

As a still further inducement, the Faculty will hereafter permit students who have attended and paid for two courses of lectures, the last of which shall have been

in this institution, examinations upon one or more of the elementary branches, namely: Anatomy, Physiology, Pathological Anatomy, Chemistry, and *Materia Medica*. These examinations, if successful, will not be repeated, but if the applicant should fail upon one or more of them, he will be granted a second trial upon these when he shall present himself for final examination.

Graduates of other respectable schools are admitted to all the privileges of the Department upon payment of the matriculation and half-lecture fees; they cannot, however, obtain the diploma of the University without passing the regular examination, and paying, in addition, the usual graduation fee. Graduates are also given the privilege of attending special courses at less than \$20 each, provided that the tickets of more than two professors are purchased.

Instruction in Pharmacy.

The Faculty call attention to the fact that this institution is also authorized to grant diplomas in Pharmacy. Students in this Department attend the lectures upon *Materia Medica* and Therapeutics and upon Chemistry, and receive practical instruction in the Chemical Laboratory. Attendance upon two such courses entitles them to appear as candidates for the degree of Master of Pharmacy, which is publicly conferred at the Annual Commencement upon those who pass the examination.

The fees for the lectures are forty dollars per session, and for graduation twenty dollars; but as the course is included in that of Medicine, students who graduate in the latter and wish to take also the degree in Pharmacy pay in addition only the diploma fee; but they must undergo such additional examination as may be required.

Text Books.

The books mentioned below are recommended in preference to others; but *recent editions* of any standard works may be used in their stead. Some one text-book on each branch is indispensable. The cost for a set of text-books on all the branches is about \$50.

SURGERY—Gross, Ashurst or Bryant.

PRACTICE OF MEDICINE—Reynolds, Flint or Loomis.

PHYSIOLOGY—Foster, Dalton or Flint.

PATHOLOGICAL ANATOMY—Coats, Green, Delafield and Prudden.

OBSTETRICS—Leishmann, Playfair or Lusk.

GYNECOLOGY—Barnes, Thomas or Emmet.

DISEASES OF CHILDREN—Smith or West.

CHEMISTRY—Fownes or Attfeld.

ANATOMY—Gray, Wilson or Richardson.

MATERIA MEDICA AND THERAPEUTICS—Wood, Rabuteau, Bartholow or National Dispensatory.

HYGIENE—Wilson, or Parkes.

DICTIONARIES—Dunglison or Thomas.

Board and lodging may be obtained by application to P. Martin, Janitor. The price usually paid by Students is \$20 per month.

For any additional information address "Prof. CHAILLÉ, Dean, P. O. Drawer 261." Letters, thus officially addressed, secure prompt attention even if the Dean be absent.

STANFORD E. CHAILLÉ, M. D.,

NEW ORLEANS, LA., June, 1886.

Dean of the Faculty.

GRADUATES OF 1886-87.

At a public commencement held March 31st, 1886, the degree of Doctor of Medicine was conferred on the following graduates in medicine and the degree of Master of Pharmacy on the following graduates in pharmacy by the Hon. Wm. Preston Johnston, President of the University. The annual address was delivered by Prof. Edmond Souchon, M. D., and the valedictory by R. B. Jackson, M. D., a member of the graduating class.

GRADUATES IN MEDICINE-67.

BANKS, JAMES EDGAR.....	Columbia.....	Marion County.....	Miss
BATES, MARSHALL PENDLETON.....	Liberty.....	Amite.....	Miss
BATSON, GEO. BRANTLEY.....	Hattiesburgh.....	Perry.....	Miss
*BLOOM, JEFFERSON D.....	New Orleans.....	Orleans.....	La
BONDS, ROBERT I.....	Pilot Point.....	Denton.....	Tex
BRANCH, BENJ. LUCKY.....	San Angelo.....	Tom Green.....	Tex
BREWER, DAVID HILL.....	Kenneyville.....	Austin.....	Tex
BROOKS, CHARLES GREEN.....	Spearsville.....	Union.....	La
BUTLER, HANSFORD DUNCAN.....	Greenville.....	Washington.....	Miss
CARRUTH, FRANKLIN HENDERSON.....	Baton Rouge.....	E. Baton Rouge.....	La
*CHEW, W. LOCKE.....	Chew's Landing.....	Holmes.....	Miss
COMPTON, THOMAS J.....	Campobello.....	Spartansburg.....	S. C
DAVIDSON, JNO. CALHOUN.....	Eagle Lake.....	Colorado.....	Tex
DAVIS, HEADRICK M.....	Union Church.....	Jefferson.....	Miss
DE MONTLUZIN, ROGER.....	Baton Rouge.....	E. Baton Rouge.....	La
DESMAN, ALEX. MADISON.....	Lufkin.....	Angelina.....	Tex
DOUGLAS, GEO. HERBERT.....	New Orleans.....	Orleans.....	La
GREGORY, FRANKLIN BARTON.....	Lumpkin.....	Stewart.....	Ga
GUYNES, HENRY LAFAYETTE.....	Hazlehurst.....	Copiah.....	Miss
HARDING, WILLARD ADAIR.....	Ebeneger.....	Holmes.....	Miss
HART, J. H. B.....	New Orleans.....	Orleans.....	La
HAYWARD, HARRY.....	New Orleans.....	Orleans.....	La
HINSDALE, WM. GRAHAM.....	Biloxi.....	Harrison.....	Miss
HODGE, J. FORD.....	Walnut Lane.....	Union.....	La
HOLDER, ANDREW BOWLES.....	Oxford.....	Lafayette.....	Miss
HUDSON, SAML EDWARD.....	Round Rock.....	Williamson.....	Tex
JACKSON, REUBEN BENJ.....	Mexia.....	Limestone.....	Tex
JAMISON, DAVID.....	New Orleans.....	Orleans.....	La
JONES, GEO. WILLARD.....	Napoleonville.....	Assumption.....	La
JONES, WM. PEGUES.....	Bryan.....	Brazos.....	Tex
*KEARNY, FRANCIS JAMES.....	Plaquemine.....	Iberville.....	La
KELLY, HUGH.....	New Orleans.....	Orleans.....	La
KENYON, OWEN THOMAS.....	Lumpkin.....	Stewart.....	Ga
KILBOURNE, HARRY GILLIAM.....	Clinton.....	E. Feliciana.....	La
KING, WALTER B.....	Waco.....	McLennan.....	Tex
KNOLLE, BERNHARD ERNST.....	Industry.....	Austin.....	Tex
KUYKENDALL, ANTHONY CAVENDISH.....	Harrison.....	Tallahatchie.....	Miss
*LANE, WADE JESSE.....	Marshall.....	Harrison.....	Tex
LARKIN, JOHN.....	New Orleans.....	Orleans.....	La
*LAURANS, JNO. J.....	Point Coupée.....	Pt. Coupée.....	La
LEWIS, MURPHY DELANEY.....	Opelousas.....	St. Landry.....	La
LOCKHART, DANIEL HARVIE.....	Chappell Hill.....	Washington.....	Tex
McKOWEN, EMMETT C.....	Jackson.....	E. Feliciana.....	La
MAHON, GEO. DIXON.....	Marshall.....	Harrison.....	Tex
MARSH, B. CLINTON.....	Colita.....	Polk.....	Tex
MARTIN, E. WM. BENJ.....	Martinsville.....	Copiah.....	Miss
MERCHANT, CYRUS B.....	Payne's Store.....	Hunt.....	Tex
*MEYER, ALBERT JOSEPH.....	Thibodaux.....	Assumption.....	La
NORMAN, WM. BRENT.....	Hazlehurst.....	Copiah.....	Miss
NORWOOD, EDWIN OSBERN.....	San Augustine.....	San Augustine.....	Tex
*PALMER, RANSOM DABNEY.....	Furman.....	Wilcox.....	Ala
POLLARD, WILLIS JOHN.....	Ruston.....	Lincoln.....	La
RAMSAY, CHAS. HORACE.....	Mt. Olive.....	Covington.....	Miss
RAND, ISAAC T.....	Youngsville.....	Lafayette.....	La
RATLIFF, WM. ALONZO.....	Edwards.....	Hinds.....	Miss

STELL, WM. MCKENZIE.....	Paris.....	Lamar.....	Tex
STEPHENS, G. MARTIN.....	Groesbeck.....	Limestone.....	Tex
TARLETON, MARCUS B.....	Lafayette.....	Lafayette.....	La
TAYLOR, THOS. B.....	La Grange.....	Fayette.....	Tex
THOMAS, JNO. NEWTON.....	Baton Rouge.....	E. Baton Rouge.....	La
WATSON, BOADMAN WALNE.....	Furman.....	Wilcox.....	Ala
WILLIAMS, HENRY EUGENE.....	Poplar Bluff.....	Ashley.....	Ark
WORTHINGTON, UNION.....	Danville.....	Boyle.....	Ky
WRIGHT, EDWIN.....	Sardis.....	Panola.....	Miss
WRIGHT, MARCUS OLIVER.....	Bartlett.....	Williamson.....	Tex
WYSONG, JAMES HOPKINS.....	Iredell.....	Bosque.....	Tex
YOUNG, E. A. S.....	Port Hudson.....	E. Baton Rouge.....	La

* Resident Students of the Charity Hospital graduated.

GRADUATES IN PHARMACY—11.

BEHREND, PETER JACOB.....	New Orleans...	Orleans Parish.....	La
DANNENMANN, HENRY.....	"	"	"
GRUNEBERG, F. H.....	"	"	"
HART, J. H. B.....	"	"	"
NOHA, ADOLPHE.....	"	"	"
PITON, HIRAM A.....	"	"	"
PRETUS, PETER JOSEPH.....	"	"	"
SAUTER, EMILE.....	"	"	"
THIELE, HENRY J.....	"	"	"
THRON, DANL. MICHEL.....	"	"	"
TURNEY, FRED.....	"	"	"

MATRICULATES OF THE SESSION, 1885-6,—266.

NAMES.	PRECEPTORS.	STATE.
†ABBOTT, L. L.....	Dr. Jno. Callan.....	Louisiana
ADAMS, JNO. R.....	Dr. Jno. Callan.....	Louisiana
ALFORD, J. J. (M. D.).....	Med. Dept. Univer. La. 1857.....	Louisiana
AMES, ROGER P.....	Prof. Jos. Jones, M. D.....	Louisiana
ATKINSON, J. J.....	Dr. J. C. Jones.....	Texas
AUSTIN, W. MCR.....		Texas
AVERY, BOWIE.....	Dr. J. W. Duprée.....	Louisiana
BANKS, J. E.....	Dr. M. L. Banks.....	Mississippi
BARBE, B. M.....	Louisiana State University.....	Louisiana
BARRON, O. L.....	Dr. W. J. Barron.....	Mississippi
†BARROSSE, JR. B. A.....	Wm. Nothaker, M. Ph.....	Louisiana
BATES, M. P.....	Dr. C. H. Bates.....	Mississippi
BATSON, G. B.....	Dr. G. A. Brumfield.....	Mississippi
BATTLE, J. E. (M. D.).....	Vandbt. University.....	Texas
*BAYON, H.....	Dr. H. Bayon.....	Louisiana
BEAUCHAMP, A. T. B.....		Texas
BECKMANN, A.....		Texas
BECTON, E. P. (M. D.).....	University Nashville, 1857.....	Texas
†BEHREND, P. J.....	John Behrend.....	Louisiana
BELDEN, H. E.....	Dr. J. G. Belden.....	Louisiana
BELDEN, J. W.....	Dr. J. G. Belden.....	Louisiana
BELL, J. C.....	Med. Dept. Arks. Indust. Univ.....	Arkansas
†BERMUDEZ, J. A.....	Mangan.....	Louisiana
*BICKHAM, W. S.....	Charity Hospital.....	Louisiana
BLAKEWOOD, E. R.....	Dr. B. W. Blakewood.....	Louisiana
BLANKS, J. T.....	Dr. W. S. Norman.....	Arkansas
BLOOM, JEFF. D.....	Charity Hospital.....	Louisiana
BLUMER, WM.....	Dr. F. G. Renshaw.....	Florida
BOCK, H. L.....	J. B. Harris & Co.....	Louisiana
†BONDS, ROBT. I.....	Dr. Debod.....	Texas
†BONNEVILLE, M. J.....	Dr. J. Jones.....	Louisiana
BORDE, ROBT. U.....	Dr. J. F. Borde.....	Louisiana

NAMES.	PRECEPTORS.	STATES.
BOWIE, N. B.....	Dr. A. Bowie.....	Alabama
BRANCH, B. L. (M. D.).....	Memphis Hospital Med. Col.....	Texas
BREWER, D. H.....	Dr. J. D. McGregor.....	Texas
BREWER, M. C.....	Dr. R. C. Nettles.....	Texas
BROOKS, C. G.....	Dr. N. A. Gregory.....	Georgia
†BROWN, GEO. S.....	Mr. Ferd. Lascar.....	Louisiana
BROWN, W. W.....	Drs. Dennis & Bugg.....	Texas
BROWNLEE, GEO. D.....	.....	Louisiana
BRUNSON, JR. R.....	Dr. R. Brunson.....	Arkansas
BURFORD, J. M.....	Dr. C. O. Weller.....	Texas
BURTON, O. H.....	Alabama Insane Hospital.....	Alabama
BUTLER, HANSFORD D.....	Dr. L. Sexton.....	Mississippi
BYRD, J. W.....	Dr. J. D. Walker.....	Mississippi
CARRUTH, F. H.....	Dr. J. W. Dupree.....	Louisiana
CHANCEY, N. B.....	Dr. A. H. Dubose.....	Texas
*CHARBONNET, J. N.....	Charity Hospital.....	Louisiana
CHAUFFE, L. D., (M. D.).....	Med. Dept. Tulane Univ., La.....	Louisiana
CHEW, W. L.....	Charity Hospital.....	Mississippi
CLARK, A. O.....	Dr. M. L. Lyons.....	Louisiana
CLAVERIE, J. A. (M. D.).....	Med. Dept. Univ. Louisiana.....	Louisiana
COMPTON, T. J.....	Dr. J. B. O. Landrum.....	S. Carolina
†CROWELL, J. W.....	.....	Mississippi
†COUSIN, L. J.....	.....	Louisiana
†DANNENMANN, H.....	.....	Louisiana
DAVID, G. P. P.....	Dr. R. Matas.....	Louisiana
DAVIDSON, J. C.....	Dr. F. O. Norris.....	Texas
DAVIS, H. M.....	Dr. R. W. Red.....	Mississippi
*DE GRANGE, J. T.....	Dr. G. B. Underhill.....	Louisiana
DELANEY, J. T.....	Jefferson College.....	Louisiana
DELAUP, S. P.....	.....	Louisiana
DENMAN, A. M.....	Dr. Fite.....	Texas
†DIEBOLD, C. B.....	Dr. J. M. Walter.....	Louisiana
DE MONTLUZIN, R.....	.....	Louisiana
DOUGLAS, G. H.....	Tulane Univ., La.....	Louisiana
DUNCAN, A. D.....	Dr. S. J. Rogers.....	Texas
ECKHARDT, W. R.....	.....	Texas
*ELLIS, E. E.....	Dr. S. W. Walker.....	Mississippi
EVANS, JR., W. A. (M. D.).....	Tulane Univ. Louisiana, 1885.....	Mississippi
EZELL, U. D.....	Dr. F. J. Hayter.....	Texas
†FERNANDEZ, F. F.....	Dr. J. Jones.....	Louisiana
FINNEY, M. L.....	Dr. J. F. Finney.....	Louisiana
*FORSYTH, A. A.....	Charity Hospital.....	Louisiana
†FORTIER, S. M.....	Tulane Univ., La.....	Louisiana
FOX, G. R.....	Dr. D. R. Fox.....	Louisiana
FRANCEZ, JULES.....	Dr. Francez.....	Louisiana
GAINES, JNO. G.....	Dr. E. S. Lewis.....	Louisiana
GARRETT, W. M., (M. D.).....	University of Louisville, 1883.....	Texas
GEYER, C. L.....	Dr. J. A. Fields.....	Texas
GORGAS, R. H.....	.....	Alabama
†GRANER, E. J.....	Dr. W. H. Watkins.....	Louisiana
GRANT, J. H.....	Dr. C. L. Herbert.....	Texas
GREGORY, F. B.....	Dr. W. A. Gregory.....	Georgia
GRIFFITH, JR., D. M.....	Dr. C. H. Todd.....	Kentucky
GRIFFITH, W. C.....	Dr. G. A. Nelson.....	Texas
GROENEVELT, J. F.....	Dr. F. Loeber.....	Louisiana
†GRUNEBERG, F. H.....	Mr. I. P. Lyons.....	Louisiana
GUYNES, H. L.....	.....	Mississippi
HAM, E. P.....	Dr. W. G. Ham.....	Georgia
HARDING, W. A.....	Dr. W. B. Burwell.....	Mississippi

NAMES.	PRECEPTORS.	STATES.
HARKINS, G. W.	Prof. Jos. Jones	Indian Territory
*HARNAN, WM.	Charity Hospital	Louisiana
HARRIS, GEO.	University College, London	Louisiana
HART, J. H. B.	G. H. J. Hart	Louisiana
HAYWARD, H.	Dr. S. Logan	Louisiana
HENDERSON, J. M., (M. D.)	Vanderbilt University	Texas
HENDERSON, J. S.	Dr. C. R. Henderson	Mississippi
HEINTZ, F. J.	Tulane Univ., La.	Louisiana
HICKS, D. L., (M. D.)	Tulane University of La., 1885	Texas
HINCKS, W.	Dr. M. E. Hincks	Louisiana
HILL, F. M. D.	Dr. L. D. Hill	Texas
HINSDALE, WM. G.	Dr. P. M. Wise	Mississippi
HODGE, J. F.	Dr. C. W. Hodge	Louisiana
HOLLIDAY, B. F.	Dr. B. H. Whitfield	Mississippi
HOLDER, A. B.	Mo. Medical College	Mississippi
HOLTON, Y. C.	Dr. W. B. Helm	Louisiana
HOWARD, Jr., G. R.	Drs. H. H. & E. W. Link	Texas
†HOWELL, JAS. A.		Louisiana
HUDSON, S. E.	Dr. T. W. Royston	Texas
HUNTER, J. J.	Prof. J. Jones	Louisiana
HYNES, T. O., (M. D.)	University of Louisiana	Texas
IRVINE, W. P.	Dr. Jas. Orr	Texas
IZARD, G. L.	Dr. H. Izard	Mississippi
JACKSON, R. B.	Tulane Univ., La.	Texas
JAMESON, M. L., (M. D.)	University of Louisiana, 1872	Arkansas
JAMISON, D., (M. D.)	N. O. Charity Hosp. Med. Sc, 1877	La
JARRETT, J. C., (M. D.)	University of Louisiana, 1884	Texas
JOHNSON, J. F.	Drs. Mays & Rowburt	Texas
JOHNSON, M., (M. D.)	University of Louisiana, 1869	Texas
JONES, ERNEST P.	Dr. D. W. Jones	Mississippi
JONES, G. WILLARD, (M. D.)	Vanderbilt University	Louisiana
JONES, JNO. T., (M. D.)	University of Louisiana	Louisiana
JONES, R. RIVERS	Dr. F. S. Jones	Louisiana
JONES, W. PEGUES	Dr. R. W. Jones	Louisiana
KEARNY, F. J.	Charity Hospital	Louisiana
†KELLY, EDWARD	Dr. R. Sauvage	Louisiana
KELLY, HUGH	Dr. C. Beard	Louisiana
KENNEDY, V. P., (M. D.)	Bellevue Medical College, 1875	Minnesota
KENYON, O. T.	Dr. G. B. Battle	Georgia
KIBBE, J. E.	Dr. W. G. Kibbe	Louisiana
KILBOURNE, H. G.	Dr. Jas. Kilbourne	Louisiana
KING, W. B.	Dr. J. C. J. King	Texas
KNOLLE, B. E.	Dr. H. E. Grace	Texas
KUYKENDALL, A. C.	Dr. A. A. Wheat	Mississippi
LACASSAGNE, C. H.	Tulane Univ., La.	Louisiana
LAIN, H. B., (M. D.)	University of Nashville, 1868	Texas
*LAMB, J. H.	Dr. J. N. Norris	Iowa
LAMBERT, J. W.	Dr. T. N. Cowdin	Louisiana
LANE, W. J.	Charity Hospital	Texas
LARKIN, JOHN	Tulane Univ., La.	Louisiana
LARUE, JR., F. A.		Louisiana
LAURANS, J. J.	Charity Hospital	Louisiana
LAWRENCE, J. M.	Dr. H. D. Bruns	Texas
*LEBEUF, L. G.	Charity Hospital	Louisiana
*LEE, G. H.	University of Mississippi	Texas
LEGENDRE, H. A.	Dr. E. Souchon	Louisiana
†LEGENDRE, JOSEPH	Dr. Jos. Jones	Louisiana
LEWIS, M. D.	Dr. P. J. Parker	Louisiana
LLOYD, P.		Louisiana
LLOYD, WM. B.	Dr. T. G. Nelson	Mississippi

NAMES	PRECEPTORS.	STATES.
LICHTENHELD, A.	Tulane Univ., La.	Louisiana
LOCKHART, D. H.	Dr. J. W. Lockhart.	Texas
LOWE, E. N.	Dr. E. P. Lowe.	Mississippi
LOWE, M. M. (M. D.)	Tulane Univ., La.	Louisiana
LONGINO, L. (M. D.)	Dr. H. A. Longino.	Louisiana
LYONS, D. E.	Dr. E. J. Lyons.	Louisiana
McCALEB, G. W.	Dr. H. S. Robertson.	Texas
McCALEB, J. H.	Dr. E. T. Walker.	Texas
McENERY, HENRY.	Dr. A. B. Miles.	Louisiana
McKENNA, P. J.		Louisiana
McKOWEN, E. C.	Dr. J. W. Saunders.	Louisiana
McNEILL, W. O.	Dr. F. McCormic.	Mississippi
McSHANE, J. T. (M. D.)	Inda. Med. College, 1871.	Inda.
MAGRUDER, M. J.	Dr. A. F. Magruder.	Mississippi
MAHON, D. J.	Dr. H. C. Morris.	Texas
MAHON, G. D.	Dr. M. D. Sterrette.	Texas
MANTOOTH, L.	Galveston Medical College.	Texas
MARKHAM, W. B. (M. D.)	Vermont University, 1882.	Texas
MARSH, B. C.	Dr. J. J. Pinckard.	Texas
MARTIN, G. A.	Dr. F. B. Martin.	Louisiana
MARTIN, W. B.	Dr. D. W. Jones.	Mississippi
MATTHEWS, W. T.	Dr. J. R. Crow.	Mississippi
MATTINGLY, A. R.	Dr. F. W. Parham.	Louisiana
MAXSON, J. S.	Dr. J. M. Scudder.	Texas
MAYLIE, A. G.	Tulane Univ., La.	Louisiana
MERCER, J. A.	Dr. F. J. Robinson.	Texas
MERCHANT, C. B.	Dr. W. T. Merchant.	Texas
MEYER, A. J.	Charity Hospital.	Louisiana
MEYER, L. E.	Tulane Univ., La.	Louisiana
MONTGOMERY, A. L.	Dr. E. R. W. McCrony.	Texas
MOSS, N. F.	Dr. F. S. Mudd.	Louisiana
MURPHY, R. A.	Dr. E. A. Murphy.	Louisiana
MURPHY, W. A.	Dr. C. Richardson.	Texas
NAVE, S. F.	Dr. J. E. Grace.	Texas
†NOHA, ADOLPHE.	Dr. G. Keitz.	Louisiana
NORMAN, W. B.	Dr. F. M. Sexton.	Mississippi
NORWOOD, E. O.	Dr. G. R. F. Embrough.	Texas
NOTREBE, E. P.	Dr. Welch.	Arkansas
PAINÉ, R. B.	Dr. S. J. Smart.	Louisiana
PALMER, R. D.	Charity Hospital.	Alabama
PERKINS, S. J.	Dr. L. G. Perkins.	Louisiana
†PITON, H. A.		Louisiana
POLLARD, W. J.	Dr. A. Deseay.	Louisiana
POTHIER, OLIVIER.	Dr. J. J. Castellanos.	Louisiana
PRATHER, W. B. (M. D.)	Atlanta Medical College.	Georgia
†PRETUS, P. J.	Dr. A. F. Beret.	Louisiana
PUJOS, J. A.	Dr. Dansereau.	Louisiana
RAMSAY, C. H.	Dr. L. Carr.	Mississippi
RAND, I. T.	Dr. N. D. Young.	Louisiana
RATLIFF, W. A.	Dr. R. T. Edwards.	Mississippi
RAWLINGS, H. S.	University of Louisiana.	Louisiana
RAY, WM. D.	Dr. H. G. Long.	Texas
RAY, WM. H.	Dr. James Ray.	Louisiana
READ, W. A.	Dr. H. O. Read.	Louisiana
RENSHAW, J. B.	Drs. Cartwright & Markham.	Texas
RENTZ, J. H. (M. D.)	University of Louisiana, 1881.	Texas
RICKER, H. F.	Tulane Univ., La.	Louisiana
ROCQUET, A. P.	Tulane Univ., La.	Louisiana
SABATIER, G. J.	Dr. E. Souchon.	Louisiana
†SAUTER, E.		Louisiana

NAMES.	PERCEPTORS.	STATES.
SAVAGE, F. T., (M. D.).....	Louisville Medical College, 1877.....	Texas
SCHERCK, H. J.....	Dr. F. Loeber.....	Louisiana
*SCHMITTLE, J. F.....	Charity Hospital.....	Louisiana
SCHULTZ, O. M.....	.....	Texas
SCHWING, S. P.....	Dr. S. D. Schwing.....	Louisiana
SCOTT, C. A.....	Dr. D. P. Albers.....	Louisiana
*SCOTT, J. W.....	Drs. Stuart & Boyees.....	Texas
†SEELIGER, R. P.....	Mr. E. Lalmant.....	Louisiana
SHULTZ, C. A., (M. D.).....	University of Louisville, 1881.....	Texas
SINGLETARY, T. P.....	Dr. S. L. Singletary.....	Louisiana
SKEEN, T. N., (M. D.).....	University of Georgia, 1875.....	Texas
SMITH, W. GEE.....	.....	Louisiana
STAMPS, A. M.....	Dr. J. A. Youngkin.....	Texas
STELL, W. M.....	Prof. J. Jones.....	Texas
STEPHENS, F. L.....	Tulane Univ., La.....	Texas
STEPHENS, G. M.....	Tulane Univ., La.....	Texas
STEWART, C. S., (M. D.).....	Tulane Univ., La.....	Louisiana
†STORCK, J. A.....	Mr. Eug. May.....	Louisiana
TARLETON, M. B.....	Dr. J. D. Trahan.....	Louisiana
TAYLOR, T. B.....	Dr. J. W. Smith.....	Texas
†TAYLOR, W. T.....	W. Nothaker, M. Ph.....	Louisiana
THEARD, S. L.....	Dr. E. Archinard.....	Louisiana
THIBODAUX, O. J.....	Prof. S. Logan.....	Louisiana
†THIELE, H. L.....	Dr. W. Bogel.....	Louisiana
THOMAS, J. N.....	Drs. Buffington & Dupree.....	Louisiana
THOMPSON, W. R. P.....	Dr. R. W. Thompson.....	Texas
†THRON, D. N.....	Mr. W. H. Voelker.....	Louisiana
TOWSLEY, WM. H.....	Cornell University.....	Louisiana
TUCKER, H. S.....	.....	Mississippi
†TURNER, FRED.....	Mr. R. Turney.....	Louisiana
†TUSSON, G. J.....	Mr. P. L. Cusachs.....	Louisiana
VAN BENTHUYSEN, E.....	.....	Louisiana
VAUGHAN, W. R., (M. D.).....	University of Louisiana.....	Texas
VIALON, L. H.....	Dr. A. A. Allain.....	Louisiana
VON KEWENTER, CHRISTOPHE.....	.....	Louisiana
†VON WERTHERN, J.....	.....	Louisiana
†WALKER, J. D.....	Mr. F. Frederickson.....	Louisiana
*WATKINS, B. D.....	Charity Hospital.....	Mississippi
WATKINS, W. B. W.....	.....	Texas
WATSON, B. W.....	University of Virginia.....	Alabama
WELLWOOD, J. M.....	Dr. R. H. Kenning.....	Manitoba
WHITE, J. M.....	Dr. R. W. Rea.....	Mississippi
WILKINSON, J. H.....	Dr. A. Fairly.....	Mississippi
WILLE, L. G.....	Dr. H. D. Schmidt.....	Louisiana
WILLIAMS, H. E., (M. D.).....	Memphis Medical College.....	Arkansas
WILLIAMS, N. A.....	Dr. Stringer.....	Florida
WORLEY, J. G.....	.....	Mississippi
WORTHINGTON, U.....	Dr. L. S. McMurtry.....	Kentucky
*WRAY, J. J.....	Dr. W. T. Baird.....	Texas
WRIGHT, E.....	Dr. Jno. Wright.....	Mississippi
WRIGHT, M. O.....	Dr. A. B. Smith.....	Texas
†WUNDERLICH, E.....	Dr. W. Wunderlich.....	Louisiana
WYSONG, J. H., (M. D.).....	University of Louisville.....	Texas
YOUNG, E. A. S.....	Dr. J. T. Young.....	Louisiana
YOUNG, ROBERT, J.....	Drs. F. D. & F. F. Young.....	Louisiana

*Resident Students in Charity Hospital, 1886 7, total 14.

†Pharmacy Students, total 30.

Total No. of Medical Students 236.

At the Commencement of Tulane College and High School, held June 17,
1886, the Degree of

BACHELOR OF ARTS,

was conferred upon

ROBERT A. HOLLAND, JR.,
FRANK EDWARD E. RAINOLD.

Diplomas were given to the following members of the Sub-Freshman Class
of Tulane High School:

VICTOR L. BERNARD,
ARTHUR CAIRE,
SEBASTIAN N. CAIRE,
HENRY M. GILL,
BURLING W. GIRAULT,
SAMUEL G. KREEGER, JR.,
WARREN KEARNY,
BENJAMIN W. KERNAN,
ALFRED D. MCBRYDE,
ROWLAND OTIS,

JAMES P. PARKER,
RICHARD PEETE,
MOZART W. RAINOLD,
ARMAND G. ROMAIN,
WARREN B. REED,
ABRAHAM ROSENBERG,
JOHN N. STEWART,
CHRISTOPHER H. TEBALT, JR.,
H. L. VILLERE,
HARPER WILLIAMS,

GEORGE A. WATERMAN.

COMMENCEMENT,
Thursday, June 17th, 1886, 8 o'clock, P. M.
GRAND OPERA HOUSE.

PROGRAMME.

OVERTURE—Berlin in Joy and Sorrow.....By Conrady.
 GRAND MARCH—The Minute Men.....By E. N. Catlin.
 PRAYER.....By REV. B. CARRADINE.
 ADAGIO—Prayer from Stradella.....By V. Flotow.
 ADDRESS.....By PROF. JOHN M. ORDWAY,
 Director of Manual Training Department.
 POLKA—Hortensia.....By Piefke.

HIGH SCHOOL.

DECLAMATION.....WARREN B. REED.
 ADDRESS.....WARREN KEARNY.
 GRAND SELECTION—Mikado.....By A. Sullivan.
Annual Report and Presentation Address.
 BY ASHLEY D. HURT, A. M.,
 Head Master Tulane High School.
Diplomas given to Members of Sub-Freshman Class.
 BY WM. PRESTON JOHNSTON, LL. D.,
 President of University.
President's Prizes for General Excellence, Including Scholarship, Deportment and Punctuality, were awarded to
 WARREN KEARNY, EDWARD N. KEARNY, CHARLES K. HUGUET.

COLLEGE.

WATZ—The Romantic.....By L. Lanner.

PRESENTATION OF MEDALS.

Glendy Burke Medals.

TO WALTER MARION CHANDLER.....for ELOCUTION
 TO CHARLES MAAS.....for MATHEMATICS

Louis Bush Medal.

TO CHARLES MAAS.....for FRENCH ESSAY.

Conferring Degree of Bachelor of Arts on Graduates,

ROBERT A. HOLLAND, JR., FRANK EDWARD E. RAINOLD,
 BY WM. PRESTON JOHNSTON, LL. D.,
 President of University.

SCHOTTISCH—In the Woodland.....By Coote

VALEDICTORY.....ROBERT A. HOLLAND, JR.

STUDENTS' FESTIVAL MARCH.....By Eckert.

COMMENCEMENT ADDRESS, by JAMES MCCONNELL, Esq.

GALOP—Through the Air.....By Parlow.

— BENEDICTION. —

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CHARITY HOSPITAL.

TULANE UNIVERSITY

OF

LOUISIANA.

1887-'88.

NEW ORLEANS, LA.

TULANE UNIVERSITY

OF

LOUISIANA.

CATALOGUE, 1886-87.

COURSES OF INSTRUCTION.

HIGH SCHOOL, COLLEGE, UNIVERSITY.

LAW AND MEDICAL DEPARTMENTS.

AND

H. SOPHIE NEWCOMB MEMORIAL COLLEGE FOR WOMEN.

ANNOUNCEMENT FOR 1887-88.

NEW ORLEANS:

1887.

CALENDAR.

—○—
SESSION OF 1887—1888.

—○—
1887.

OCTOBER, 3, 4, 5.....Entrance Examination.
THURSDAY, OCTOBER 6....College and High School open.
THURSDAY, OCTOBER 13....Opening^d of H. Sophie Newcomb Memorial
College.
MONDAY, OCTOBER 17.....Department of Medicine opens.
MONDAY, NOVEMBER 21...Department of Law opens.
THURSDAY, DECEMBER 8...Second Quarter begins.
SATURDAY, DECEMBER 24..Christmas Holidays begin. ;

1888.

MONDAY, JANUARY 2.....Studies resumed in College and High School
WEDNESDAY, FEBRUARY 8.Intermediate Examinations begin.
THURSDAY, FEBRUARY 16..Third Quarter begins.
WEDNESDAY, MARCH 28...Commencement, Medical Department.
TUESDAY, MAY 15th.....Commencement, Law Department.
THURSDAY, APRIL 19th....Fourth Quarter begins.
MONDAY, JUNE 11th.....Final Examinations begin.
THURSDAY, JUNE 14th.....Commencement, H. Sophie Newcomb
Memorial College.
TUESDAY, JUNE 19thCommencement, College and High School.

BOARD OF ADMINISTRATORS.

RANDALL LEE GIBSON (U. S. Senator),
CHARLES ERASMUS FENNER,
Associate Justice Supreme Court of Louisiana
JAMES McCONNELL,
TOBIAS GIBSON RICHARDSON, M. D.,
EDWARD DOUGLAS WHITE,
EDGAR HOWARD FARRAR,
PASCHAL NEILSON STRONG,
BENJAMIN M. PALMER, D. D., L.L. D.,
SAMUEL HORTON KENNEDY,
WALTER ROBINSON STAUFFER,
CARTWRIGHT EUSTIS,
HENRY GINDER,
JOHN TIMMONS HARDIE,
ROBERT MILLER WALMSLEY,
RT. REV. JOHN N. GALLEHER,
JOSEPH C. MORRIS.

EX - OFFICIO.

HON. SAMUEL D. McENERY, Governor of Louisiana
HON. JOHN V. GUILLOTTE, Mayor of New Orleans.
HON. WARREN EASTON, State Supt. Public Education.

BOARD OF ADMINISTRATORS.

OFFICERS AND COMMITTEES.

RANDALL LEE GIBSON,	-	-	President.
CHAS. E. FENNER,	-	-	First Vice-President.
JAS. McCONNELL,	-	-	Second " "
P. N. STRONG,	-	-	Sec'y and Treasurer.

COMMITTEE ON FINANCE AND ACCOUNTS.

R. M. WALMSLEY, Chairman.

SAM'L H. KENNEDY,	JOHN T. HARDIE,
WALTER R. STAUFFER,	JOSEPH C. MORRIS.

COMMITTEE ON REAL ESTATE.

CARTWRIGHT EUSTIS, Chairman.

HENRY GINDER,	W. R. STAUFFER,
R. M. WALMSLEY,	P. N. STRONG.

COMMITTEE ON EDUCATION.

CHAS. E. FENNER, Chairman.

JAS. McCONNELL,	T. G. RICHARDSON, M. D.,
E. D. WHITE,	E. H. FARRAR,
CARTWRIGHT EUSTIS,	B. M. PALMER, D. D., L. L. D.,
Rt. Rev. J. N. GALLEHER,	H. GINDER.

COMMITTEE ON RULES.

HENRY GINDER, Chairman,

W. R. STAUFFER,	CHARLES E. FENNER.
-----------------	--------------------

COMMITTEE ON LAW.

JAS. McCONNELL, Chairman.

E. D. WHITE,	E. H. FARRAR,
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OFFICERS OF THE UNIVERSITY.

WM. PRESTON JOHNSTON, LL. D.,	-	President.
WM. O. ROGERS,	-	Secretary and Librarian.
CHARLES G. GILL, Ph. D.,	-	Librarian.

THE TULANE UNIVERSITY.

HISTORICAL STATEMENT.

The Tulane University came into existence as such by operation of law in July, 1884. In the year 1882 Mr. Paul Tulane, of Princeton, New Jersey, made a donation of his real estate in the city of New Orleans to seventeen administrators, chosen by himself, for the purpose of aiding the higher education of the white youth of Louisiana. The original donation yielded \$35,000 per annum, which has been more than doubled by subsequent gifts from the same benefactor.

The following is a copy of the letter of Mr. Paul Tulane donating his property in New Orleans to education:

PRINCETON, May 2, 1882.

To Messrs. Randall L. Gibson, Chas. E. Fenner, James McConnell, T. G. Richardson, M. D., Edward D. White, E. H. Farrar, P. N. Strong, B. M. Palmer, D. D., Hugh Miller Thompson, D. D., Chas. A. Whitney, Sam'l H. Kennedy, Walter R. Stauffer, Cartwright Eustis, Henry Ginder, John T. Hardie, R. M. Walmsley and Wm. O. Rogers.

Gentlemen—A resident of New Orleans for many years of my active life, having formed many friendships and associations dear to me, and deeply sympathizing with its people in whatever misfortunes or disasters may have befallen them, as well as being sincerely desirous of contributing to their moral and intellectual welfare, I do hereby express to you my intention to donate to you by an act of donation *inter vivos* all the real estate I own and am possessed of in the said city of New Orleans, State of Louisiana, for the promotion and encouragement of intellectual, moral and industrial education among the white young persons in the city of New Orleans, State of Louisiana, and for the advancement of learning and letters, the arts and sciences therein, my intention being that the benefits shall be applied and expended in the city of New Orleans.

By the term education I mean to foster such a course of intellectual development as shall be useful and of solid worth, and not merely ornamental or superficial. I mean you should adopt the course which,

as wise and good men, would commend itself to you as being conducive to immediate practical benefit, rather than theoretical possible advantage. I wish you to establish or foster institutions of a higher grade of learning, where the young persons to be benefited shall, upon due examination, be found competent and qualified for admission, both by age and previous training, to receive the benefits of a more advanced degree of educational culture.

Intellectual advancement should be unfettered by sectarianism, but the profound reverence I entertain for the Holy Scriptures leads me to express here the hope that the educational development intended by this gift should never antagonize, but be in harmony with the great fundamental principles of Christian truth contained in them.

I express to you now my formal intentions in order to suggest to you the advisability, should you determine to aid me in my purposes, that you should take such steps as may be necessary under the laws of Louisiana to enable you to accept the donation when made, thus giving me the assurance that my purpose, when executed, will be carried out with fidelity and be rich in bountiful results.

The fact that property donated for educational purposes is at this time liable to taxation in the State of Louisiana has occasioned me much embarrassment, as I should like to feel that the citizens of that State, who are to be the beneficiaries of this donation, should enjoy its advantages to the full measure of the value of the property donated. There are other States whose laws do not, by taxation, repel such gifts in aid of education, whose wise example, I am assured, will be followed by the State of Louisiana and the city of New Orleans in this instance; and I earnestly urge that you make immediate effort to secure the exemption of this property from taxation, and be constant in so doing until your efforts are successful.

The character of the property donated is to remain unchanged. It cannot be mortgaged, and it cannot be sold nor encumbered in any way, except at the end of not less than fifty years, as hereinafter stated. Mortgaging it or selling it, and the investment of the proceeds in stocks, bonds or other securities, might and probably would lead to disaster, owing to the uncertain and fluctuating nature of the value of securities of every description. On the other hand, the real estate, the title to which I intend to donate to you, is well located, and cannot fail to increase in value as the city shall become prosperous. You must keep the property well insured in solvent offices and in good repair, so that the best rental possible may be realized.

The plans and details of any organization, corporate or otherwise, must of necessity be left to your own judgment; but I desire to communicate to you my wishes in such manner as to enable you more fully to enter into the motives which impel me, thereby enabling you completely to enter into my thoughts and purposes.

Of course, whatever I may determine to donate to you, should you conclude to organize, will be (whilst leaving you the absolute owners of the property) with the object of enabling you in your discretion to use the revenues for the purposes already by me mentioned.

I suggest and recommend—1. That in your organization, whatever form it may assume, my friend, Gen. Randall Lee Gibson, be your chairman or president, and that Judge Chas. E. Fenner and James McConnell may be vice-presidents or vice-chairmen. 2. That you provide for the filling of any vacancies in your number by death, resignation or otherwise, by election. 3. That whilst my desire is that you shall continue my purpose for more than fifty years, nevertheless I would consider it no violation of those wishes should you, when organized, determine, after fifty years, no longer to perform the duties incident to the ownership of this property which I may donate, and the income of which I have expressed the desire that you administer as aforesaid. In that event I suggest that you distribute the property, or the proceeds from the sale thereof, among such educational or literary institutions, or for such educational purposes as you may determine, in the city of New Orleans, as are contemplated by this donation. 4. In order that there shall be no doubt in regard to my intentions I will say it is not my desire to bind you to distribute the incomes or benefits of the fund or property to any particular school, college or institution of learning, or to create any claim on the part of any school, college or institution of learning to any distributive share; nor do I design to subject you collectively or individually to any responsibility to those intended to be benefited, or to any individual responsibility of any sort for the management of the property and fund which may be by me donated.

I have entire confidence that you will carry out with wisdom, equity and fidelity my expressed suggestions. It would be personally agreeable to me if you would retain the services of Mr. P. N. Strong, of New Orleans.

In order to prevent misapprehension, I desire to say you should, of course, make such disbursement as you may deem it fair to expend in the employment of any necessary agents or otherwise, and especially to keep the property well insured and in a proper state of repair.

With devout gratitude to our Heavenly Father for enabling us to form these plans, and invoking his divine blessing upon you and your counsels, and upon the good work proposed among the present and future generation of our beloved Crescent City,

I remain, with great respect,

Your friend and humble servant,

PAUL TULANE.

Paul Tulane, the patron of Tulane University, was born in May 1801, at Cherry Valley, near Princeton, New Jersey. In November, 1822, he came to New Orleans and entered upon a business career. By the exercise of industry, integrity and sound judgment he won for himself a good name and a handsome fortune. He retired from active business in 1856, and continued to prosper in the management of his estate, and in 1873 moved permanently from New Orleans to the scenes of his childhood in Princeton, N. J., where he had previously purchased for himself a beautiful home. From this retreat of his declining years he continued to dispense his noble charities far and near, and kept himself in active sympathy with his friends and with many correspondents scattered over the country. His affection for the city of New Orleans, where so much of his life had been spent, never wavered, and was manifested by many acts of benevolence.

For many years he seems to have contemplated the establishment of an institution of learning for the benefit of the youth of Louisiana. This purpose took definite shape in the letter of May 2, 1882, donating his property in New Orleans to education, and appointing a Board of Administrators for the care of the same. He continued to make additions to his gifts until, at the time of his death, his donations had aggregated the munificent sum of One Million One Hundred Thousand Dollars.

By his death, March 27, 1887, the University has been deprived of a generous benefactor, a wise counsellor, a steadfast friend. Here, as elsewhere, a grateful community mourned the loss of a liberal giver to many literary, charitable, educational and religious objects. The esteem in which he was held while living and the sincerity with which his death was mourned found expression in many ways: publicly in the proclamations made by the Governor of the State and the Mayor of the city and other authorities; in the utterances of the distinguished speakers who participated in the Memorial Services of the Produce Exchange and other commercial bodies; in the resolutions adopted by various corporations, societies and associations.

The benefactions of Mr. Tulane have entered largely into the life and history of New Orleans, but the noblest monument of his wisdom and beneficence is the University which bears his honored name and which dispenses the light of knowledge to large classes of students through many departments of instruction.

The Administrators of the Tulane Educational Fund, by a contract with the State of Louisiana in 1884, became the Administrators of the University of Louisiana in perpetuity, agreeing to devote their income to its development, and to establish thereon the Tulane University of Louisiana.

The University of Louisiana had its origin in the Medical Department, which was established in 1834. This school has numbered among its professors and alumni the most distinguished medical men of Louisiana and the South. The constitution of Louisiana of 1845 contained the provision: "An university shall be established in the city of New Orleans. It shall be composed of four faculties, to wit: one of law, one of medicine, one of the natural sciences and one of letters."

The Legislature in 1847 passed "An act to establish in the city of New Orleans the University of Louisiana."

By the Constitutions of 1852, 1864 and 1868, the University was formally recognized. The new Constitution of 1879 declared that the University of Louisiana, as then established and located at New Orleans, was thereby recognized in its three departments, to-wit: The Law, the Medical, and the Academical Departments, to be governed and controlled by appropriate faculties.

By act No. 43, passed by the General Assembly of the State at the regular session of 1884, the University became

"THE TULANE UNIVERSITY OF LOUISIANA."

A new Board of Administrators was created, composed of the seventeen administrators of the "Tulane Educational Fund," the Governor of the State, the Superintendent of Public Education, and the Mayor of the City of New Orleans—the last three as *ex-officio* members of the Board.

The Medical Department of the University has now completed the fifty-second year of its existence, and has the greatest prestige throughout the Southern States, not only for the ability and distinction of its professors, but for its unsurpassed means of teaching. It has the great Charity Hospital, with its seven hundred beds and six thousand patients annually, as its school of practical instruction. During this period it has matriculated 8253 students, and conferred diplomas on 2257 doctors

of medicine and 164 masters of pharmacy. In 1883-84 two hundred and twelve students attended the Medical Department; in 1884-5, 223; in 1885-6, 226; in 1886-87, 239. Candidates for graduation are required to be twenty-one years of age; to have studied three years; to have attended two courses of lectures, and to pass a satisfactory examination. The administrators of the Charity Hospital elect every year fourteen resident students, who are maintained by the institution. Vacancies are filled by competitive examination. Dr. T. G. Richardson, who for twenty-five years was dean of the faculty, resigned in 1885, and Dr. Stanford E. Chaillé was elected as his successor. Dr. Richardson still retains his chair in the faculty. There are now seven professors and two lecturers employed in this department.

The Law Department was organized in 1847. It has numbered among its professors the most distinguished lawyers of the State, and, though unendowed, a chair in its faculty is esteemed one of the highest honors open to the profession in Louisiana. While the civil law is taught in some other institutions from the amateur standpoint, here, as a basis of the whole legal superstructure and machinery of the State, as the foundation of its civil code and jurisdiction, it is treated as a living organization, not as a fossil. It is taught by those who look at it from the inside. Those who wish to breathe the spirit of the civil law are apt to seek it here. The State Library, a very valuable collection of about twenty-six thousand volumes, is deposited in the law building, and is accessible to the students. The Hon. Randell Hunt, LL. D., long connected with the Law Department, and late President of the University of Louisiana, is Emeritus Rector of the Law Department; Professor W. F. Mellen, LL. D., is its Dean, and the faculty is four in number, including the above named professors.

The Academical Department of the University of Louisiana was opened in the autumn of 1878. It received an annuity of \$ 10,000 from the State, and met with excellent success for its limited means. During its existence it was enriched by a gift from Mr. Paul Tulane of the handsome building formerly known as the Mechanics' Institute, but more recently as Tulane Hall. Professor R. H. Jesse was dean of the faculty until the office became extinct by absorption of the University of Louisiana into Tulane University.

Col. Wm. Preston Johnston, President of the Louisiana State University and Agricultural College at Baton Rouge, was elected President in January, 1883, and authorized to organize an institution of learning under the terms of Mr. Tulane's donation. The acquisition of the Uni-

versity of Louisiana, with its franchises and valuable buildings, gave practical shape to the purposes of the Tulane Board, and supplied the foundation on which to establish a university. It has now seventeen chairs in the University proper, and a High School Faculty, which, with its headmaster, has twenty-three professors, assistant professors and instructors. The collection of physical apparatus is quite extensive and of very high grade. The teaching is in great part by laboratory work, and the apparatus is better adapted to this method of instruction than any in the South. The chemical laboratories have been carefully fitted up and are now in a fair state of efficiency, and it is hoped that in sugar manufacture and other industries of the State, through the influence of work done here, will be improved.

The line between university work and collegiate or academic work is sharply drawn. The former is elective and of the most advanced character. The latter is embraced in a series of equivalent curricula extending through seven years, three in the high school and four in the college, all leading to the degree of bachelor of arts, with or without distinction, according to attainment.

A manual training school has been established. It is considered as the workshop or laboratory of the High School for technical training; but other students of Tulane College are admitted to it on easy conditions. It is not intended to teach trades to young men, but to make them experts in the principles and handicraft of wood-working, iron-working and machine construction. The appliances are as nearly perfect and the scheme of instruction as thorough as in any institution in the United States. The effort will be made to dignify and elevate labor without interfering with more abstract pursuits. No revolution in education is aimed at; but rather moral expansion and development, through the cultivation of recognized and valuable mental and physical functions and activities; the whole system constituting a rounded and harmonious evolution of the student as man and citizen.

The libraries of the University, besides the State library already mentioned, contain about twenty thousand volumes, with a certain fund for increase of some \$2,000 per annum. The largest hospitality is extended to book lovers and readers.

The fees for admission to any department of the University, except the Medical Department, will be but \$50 per annum, without extras.

The institution is Christian, but not sectarian, and this is construed as extending the largest liberty of invitation to all who love the light of knowledge. The Tulane University, now on the sound basis of a living income, with a corporation secure in its tenure of office and consistent in

its plans and purposes, and with the prestige of a State institution and popular favor to aid in its honorable career, has before it, under Providence, a wide sphere of usefulness, and will, it is hoped, prove a powerful agent in promoting the welfare of the people of Louisiana.

On October 11, 1886, Mrs. Josephine Louise Newcomb, widow of Warren Newcomb, of New York City, donated to the Administrators of the Tulane Education Fund, the sum of One Hundred Thousand Dollars, "to be used in establishing the H. Sophie Newcomb Memorial College in the Tulane University of Louisiana, for the higher education of white girls and young women."

This Institution has been established by the Administrators as a Department of Tulane University. Further particulars will be found in another part of the catalogue.



FACULTY AND INSTRUCTORS.

WM. PRESTON JOHNSTON, LL. D.,
PRESIDENT OF THE UNIVERSITY.

(IN THE ORDER OF ELECTION.)

RANDELL HUNT, LL. D.,
EMERITUS RECTOR OF THE LAW DEPARTMENT; PROFESSOR OF CON-
STITUTIONAL LAW, COMMERCIAL LAW, AND THE LAW
OF EVIDENCE.

T. G. RICHARDSON, M. D.,
PROFESSOR OF GENERAL AND CLINICAL SURGERY.

STANFORD E. CHAILLÉ, M. D.,
DEAN OF THE MEDICAL DEPARTMENT, PROFESSOR OF PHYSIOLOGY
AND PATHOLOGICAL ANATOMY.

JOSEPH JONES, M. D.,
PROFESSOR OF CHEMISTRY AND CLINICAL MEDICINE.

SAMUEL LOGAN, M. D.,
EMERITUS PROFESSOR OF ANATOMY AND CLINICAL SURGERY.

ERNEST S. LEWIS, M. D.,
PROFESSOR OF GENERAL AND CLINICAL OBSTETRICS AND DISEASES
OF WOMEN AND CHILDREN.

JOHN B. ELLIOTT, M. D.,
PROFESSOR OF THEORY AND PRACTICE OF MEDICINE AND CLINICAL
MEDICINE.

WILLIAM FRANCIS MELLEN, LL. D., Dean of Law Dep't.,
PROFESSOR OF COMMON LAW AND EQUITY JURISPRUDENCE.

RICHARD H. JESSE,
PROFESSOR OF LATIN.

J. L. CROSS, A. B. (Va. Military Institute),
PROFESSOR OF MATHEMATICS.

J. HANNO DEILER (Royal Normal College of Munich)
PROFESSOR OF GERMAN LANGUAGE AND LITERATURE.

ALCÉE FORTIER,
PROFESSOR OF FRENCH LANGUAGE AND LITERATURE.

BROWN AYRES, B. Sc. (Stevens Inst.),
(Fellow of Johns-Hopkins University),
PROFESSOR OF PHYSICS AND ASTRONOMY.

ROBERT SHARP, A. M., PH. D. (Leipsic),
PROFESSOR OF GREEK AND ENGLISH.

HENRY CARLETON MILLER,
PROFESSOR OF ADMIRALTY AND INTERNATIONAL LAW.

JOHN M. ORDWAY, A. M. (Dartmouth),
PROFESSOR OF APPLIED CHEMISTRY AND BIOLOGY AND DIRECTOR OF
MANUAL TRAINING SCHOOL.

WM. WOODWARD (Massachusetts Normal Art School),
PROFESSOR OF DRAWING.

HENRY DENIS,
PROFESSOR OF CIVIL LAW AND LECTURER ON THE LAND LAWS OF
THE UNITED STATES.

EDMOND SOUCHON, M. D.,
PROFESSOR OF ANATOMY AND CLINICAL SURGERY.

ASHLEY D. HURT, A. M.,
HEAD MASTER OF THE HIGH SCHOOL AND PROFESSOR OF LATIN.

L. C. REED, A. M.,
PROFESSOR OF ENGLISH.

JOHN R. FICKLEN, B. LET. (University of Va),
PROFESSOR OF ENGLISH HISTORY AND RHETORIC.

GEORGE GESSNER, A. M.,
PROFESSOR OF GREEK.

JOHN W. CALDWELL, A. M., M. D.,
PROFESSOR OF CHEMISTRY AND GEOLOGY.

JOSEPH F. JOOR, M. D.,
PROFESSOR OF BOTANY.

ELLSWORTH WOODWARD,
PROFESSOR OF DRAWING.

A. B. MILES, M. D.,
PROFESSOR OF MATERIA MEDICA AND THERAPEUTICS AND HYGIENE
AND CLINICAL MEDICINE.

BRANDT V. B. DIXON, A. M. (Cornell University),
(Late Principal St. Louis High School,)
PROFESSOR OF METAPHYSICS AND MENTAL SCIENCE, AND PRESIDENT
OF THE H. SOPHIE NEWCOMB MEMORIAL COLLEGE FOR WOMEN.

FLORIAN CAJÖRI, M. S. (University of Wisconsin),
PROFESSOR OF APPLIED MATHEMATICS.

RUDOLPH MATAS, M. D.,
DEMONSTRATOR OF ANATOMY.

STIRLING D. KENNEDY, M. D.,
LECTURER ON DISEASES OF THE EYE.

JOHNSTON ARMSTRONG,
ASSISTANT PROFESSOR OF LATIN AND ENGLISH.

ARTHUR S. WHEELER, A. M.,
ASSISTANT PROFESSOR OF PHYSICAL GEOGRAPHY AND BIOLOGY.

ARSENE PERRILLIAT, B. Sc. (Tulane University),
ASSISTANT PROFESSOR OF PHYSICAL SCIENCE AND MATHEMATICS.

CHARLES G. GILL, PH. D.,
ASSISTANT PROFESSOR OF GREEK.

AUGUST T. L. KUSIAN,
ASSISTANT PROFESSOR OF FRENCH AND GERMAN.

J. W. PEARCE, A. M.,
ASSISTANT PROFESSOR OF MATHEMATICS.

JAMES ROHDE,
ASSISTANT PROFESSOR OF SPANISH.

.....(To be appointed.)
INSTRUCTOR IN PENMANSHIP AND BOOK-KEEPING.

ALPHONSE F. DELBERT, B. Sc. (Tulane University),
INSTRUCTOR IN DRAWING AND MACHINE CONSTRUCTION.

ROBERT D. AGNEW,
INSTRUCTOR IN ELOCUTION.

HENRY J. MALOCHÉE,
INSTRUCTOR IN DRAWING.

VICTOR LEOVY, A. B. (Davidson College),
INSTRUCTOR IN STENOGRAPHY.

H. V. MIELLY,
INSTRUCTOR IN DRAWING.

ERNEST L. DIMITRY,
INSTRUCTOR IN DRAWING.

CHARLES H. CHARLTON,
INSTRUCTOR IN DRAWING.

SUMMARY.—FACULTY AND INSTRUCTORS.

PRESIDENT AND PROFESSORS,	-	-	-	-	-	-	-	32
ASSISTANT PROFESSORS,	-	-	-	-	-	-	-	7
INSTRUCTORS,	-	-	-	-	-	-	-	8
								<hr/>
Total,								47

TULANE UNIVERSITY OF LOUISIANA.

PLAN OF EDUCATION.

Tulane University is an institution for the higher education of the white youth of Louisiana. The Administrators of Tulane University, recognizing the great fact that education is a unit, integral from its very nature, and looking to the actual condition of things in Louisiana, find themselves obliged to embrace in their scheme, a plan both broad and deep, and to institute for the successive phases of educational development, a High School, a College and a University. Taking the youth on the threshold of the higher education, this plan proposes, through judicious instruction, to train him to know, to do, and to be, and thus to develop a consistent manhood by means of this harmonious and equable evolution of body, mind and soul.

Tulane University of Louisiana is divided into Tulane High School, Tulane College and the University Department of Philosophy, the Law Department and the Medical Department and the H. Sophie Newcomb Memorial College for Young Women.

TULANE HIGH SCHOOL.

Three years are allotted to the earlier academic life of the HIGH SCHOOL, which should fit the pupil for the College, or for an ordinary practical business career. Throughout the High School the attempt will be made towards a normal adjustment of that physical, mental and moral training, which is so much praised and so little practiced. The hand, the eye and the muscle are trained by the handwork in wood and iron, which is now admitted to be the true basis of the best mechanical education, and is claimed to confer so many other benefits. We recognize in it a most useful adjunct in all efforts for a harmonious human evolution, and that it has its place in all thoroughly co-ordinated schemes of education.

The purpose throughout is *training*: the means employed are those branches best adapted to considerable bodies of students. But we do not expect, or desire manual training to supersede, or be substituted for, other well established courses of training sanctioned by the experience of wise and conservative men. Our Motto is "Evolution, not Revolution."

Hence the Manual Training School is not a separate department of Tulane University, but the laboratory in wood and iron, where instruction and practice render the student quick, observant and accurate with the eye; ready, skillful and exact with the hand, and able to think *in* things, as well as *about* them, and to execute as well as to describe.

In this physical and mechanical training, Drawing is considered fundamental, and enters into every course. Every student who enters the High School learns to draw, while those who propose a mechanical career carry it to its last results in the applied arts.

Penmanship and Accounts are also taught as practical studies.

Another branch of knowledge which is taught to every student is Physiology and Hygiene. It is taught by an eminent and experienced Professor, the Dean of the Medical Faculty, in interesting lectures specially adapted to the age and advancement of these young students, and it is believed that this instruction will result in incalculable good. The instruction in the High School is given in four parallel and equivalent courses of study, to-wit: 1st, Classical. 2d, Literary and Scientific. 3d, Mechanical. 4th, Commercial.

The studies to be pursued in each course are contained in the schedule hereto annexed.

The entire instruction, intended directly for the mental, and indirectly for the moral, development of the pupils, leads to and branches into the six courses of study of the College, which, as set forth more particularly hereafter, are intended to train students with special reference to their chosen pursuits in life.

The High School proposes to give a solid practical education, which shall be exact and thorough, as far as it goes, and shall fit the pupil for a further College Course, or for an entry on the apprenticeship of a practical career.

There are three classes in the High School, which are termed Preparatory, Intermediate and Sub-Freshman. To enter the High School requires a good elementary education in Reading, Writing and Arithmetic, including percentage, and its applications, with the ordinary school knowledge of Geography and History, and the elementary principles of English and Grammar.

In the Preparatory Class all the students have the same studies, except where French, or Spanish or German is substituted for Latin, as will be observed by referring to the Schedule of Courses of Studies. The studies diverge slightly in the Intermediate Class, and still more widely in the Sub-Freshman Class. But, in all the courses, English, and another language, Mathematics, Elementary Natural Science, Drawing and Wood Working are taught, and the effort is made to train all the intellectual faculties, while imparting that knowledge which will be found most available in the practical affairs of life.

Three hours are given to recitations, and nearly two hours to Manual Training or Drawing, daily, except Saturdays. Studies must be carried on at home. The opening exercises are at 8.45, A. M.

No student can enter any class, or pass to a higher one, without being fully and really prepared for it, and evincing this preparation by a satisfactory examination.

The student who receives a diploma in the High School will have had thorough training in Drawing and Handworking, in the usual English studies, including Mathematics, through Plane Geometry and Algebra, and in a partial course of one or more ancient or modern languages, with some other special requirements named in the schedule.

The student who finishes any one of the four regular courses of the High School will be entitled to a DIPLOMA; and, if he has attained superior excellence in any of them, or pursued other studies to an extent to warrant such meritorious notice in the opinion of the Faculty, he will be granted a Diploma with Distinction.

TULANE HIGH SCHOOL FACULTY:

ASHLEY D. HURT, A. M.,
HEAD-MASTER OF HIGH SCHOOL AND PROFESSOR OF LATIN.

STANFORD E. CHAILLÉ, M. D.,
PROFESSOR OF PHYSIOLOGY AND HYGIENE.

LYMAN C. REED, A. M.,
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JOHNSTON ARMSTRONG,
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CHARLES G. GILL, Ph. D.,
ASSISTANT PROFESSOR OF GREEK.

J. W. PIERCE, A. M.,
ASSISTANT PROFESSOR OF MATHEMATICS.

TULANE HIGH SCHOOL FACULTY.

21

ALPHONSE F. DELBERT, B. S.,
INSTRUCTOR IN MACHINE CONSTRUCTION AND DRAWING.

ROBT. D. AGNEW,
INSTRUCTOR OF ELOCUTION.

.....(To be appointed.)
INSTRUCTOR IN PENMANSHIP AND BOOK-KEEPING.

HENRY J. MALOCHÉE,
INSTRUCTOR IN DRAWING.

CHARLES R. CHURCHILL,
INSTRUCTOR IN IRON-WORKING.

J. O. HASSAM,
INSTRUCTOR IN WOOD-WORKING.

.....(To be appointed.)
INSTRUCTOR IN WOOD-WORKING.

VICTOR LEOVY, A. B. (Davidson College),
INSTRUCTOR IN STENOGRAPHY.

H. V. MIELLY,
INSTRUCTOR IN DRAWING.

ERNEST L. DIMITRY,
INSTRUCTOR IN DRAWING.

C. H. CHARLTON,
INSTRUCTOR IN DRAWING.

TULANE HIGH SCHOOL.

Class.	Classical Course.	Hours per Week.	Literary and Scientific.	Hours per Week.	Mechanical Course.	Hours per Week.	Commercial Course.	Hours per Week.
SUB-FRESHMAN.	English.....	5	English.....	5	English.....	5	English.....	5
	Mathematics.....	5	Mathematics.....	5	Mathematics.....	5	Mathematics.....	5
	Latin.....	5	Latin.....	5	French or German.....	5	French or German.....	5
	Greek.....	5	Drawing.....	5	Drawing.....	5	Spanish.....	3
	Elocution.....	2	Manual Training.....	5	Manual Training.....	5	Book-keeping.....	5
	Physiology and Hygiene.....	1	Elocution.....	2	Elocution.....	2	Elocution.....	2
			Physiology and Hygiene.....	1	Physiology and Hygiene.....	1	Physiology and Hygiene.....	1
			Physical Science.....	5	Physical Science.....	5	Physical Science.....	5
INTERMEDIATE.	Elocution.....	2	Elocution.....	2	Elocution.....	2	Elocution.....	2
	English.....	5	English.....	5	English.....	5	English.....	5
	Mathematics.....	5	Mathematics.....	5	Mathematics.....	5	Mathematics.....	5
	Latin.....	5	Latin.....	5	French or German.....	5	French or German.....	5
	Drawing.....	5	Drawing.....	5	Drawing.....	5	Drawing.....	5
	Manual Training.....	5	Manual Training.....	5	Manual Training.....	5	Manual Training.....	5
	Greek.....	5	Natural Science.....	3	Natural Science.....	3	Spanish.....	3
			Penmanship.....	5	Penmanship.....	5	Penmanship.....	5
PREPARATORY.	English.....	5	English.....	5	English.....	5	English.....	5
	Reading.....	1	Reading.....	1	Reading.....	1	Reading.....	1
	History.....	1	History.....	1	History.....	1	History.....	1
	Latin.....	5	Latin.....	5	French or German.....	5	French or German.....	5
	Mathematics.....	5	Mathematics.....	5	Mathematics.....	5	Mathematics.....	5
	Penmanship.....	3	Penmanship.....	3	Penmanship.....	3	Penmanship.....	3
	Drawing.....	5	Drawing.....	5	Drawing.....	5	Drawing.....	5
	Manual Training.....	5	Manual Training.....	5	Manual Training.....	5	Manual Training.....	5

ROLL OF HIGH SCHOOL STUDENTS.

SESSION 1886-87.

PREPARATORY CLASS.

NAMES OF STUDENTS.	COURSE.	RESIDENCE.	NAMES OF PARENTS OR GUARDIANS.
ABRAHAM, JOSEPH H.....	Class ..	194 Jackson St.....	H. Abraham.
ALEXIUS, CARL.....	Mech ..	Jena & Tchoupitoulas..	G. C. Alexius.
BACKUS, SAMUEL H.....	Math....	5 North St.....	Mrs. B. Backus.
BAUMAN, JOSEPH.....	Mech ..	Delachaise & Constance..	G. F. Bauman.
BAYHI, EDWARD J.....	Mech ..	252 Bayou Road.....	E. A. Garcia.
BEEBE, HENRY B.....	Class ..	458 Esplanade Ave.....	B. Beebe.
BEER, JOSEPH WOLF.....	Class ..	197 Girod St.....	F. Beer.
BENDERNAGEL, ALBERT.....	Mech ..	158 Common St.....	John Bendernagel.
BERNARD, RUDOLPH L.....	Com....	Esplanade and Lopez..	H. C. Bernard.
BORMAN, JOSEPH A.....	Mech ..	88 Erato.....	A. Borman.
BRIDEWELL, CHAS. F.....	Math....	377 Camp.....	H. F. Bridewell.
BUCK, CHARLES F., JR.....	Lit	118 Valence.....	Chas. F. Buck.
BLAKE, LLOYD BOWERS.....	Mech ..	999 St. Charles.....	Wm. Blake.
BLAKE, WILLIAM GAINES.....	Class ..	999 St. Charles.....	Wm. Blake.
BOUSQUET, JOSEPH ARTHUR..	Com....	286 N. Rampart.....	J. A. Bousquet.
BUSH, RUFUS C.....		334 Canal.....	Chas. S. Bush.
CARROLL, HENRY EDWARD....	Com....	203 Perdido.....	F. Carroll.
CAMMACK, LOMAX.....	Class ..	383 Canal.....	A. B. Cammack.
CAMRON, MAURICE.....	Mech ..	97 Levee.....	Jules Lapéne.
CASSIDY, JOHN VINES.....	Mech ..	450 1/2 Customhouse....	John Cassidy.
CUNNINGHAM, WM. THARP....	Lit	61 Royal.....	M. J. Cunningham.
COLLINS, ALBERT G.....	Com....	Merrick, La.....	J. F. Collins.
CARTER, BENJAMIN PALMER..		Amite, La.....	T. L. Carter.
CHALARON, ANDREW.....	Mech ..	63 Esplanade.....	J. Chalaron.
DEBERQUE, EDWARD JOSEPH..	Com....	450 1/2 Dryades.....	A. DeBerque.
DOWE, FLORIAN.....	Mech ..	259 Sixth St.....	Dr. J. P. Davidson.
DESMARAIS, LOUIS, JR.....	Mech ..	219 Magazine.....	L. Desmarais.
DENIS, HENRY R.....	Class ..	43 N. Rampart.....	Henry Denis.
EASTMAN, HENRY C.....	Com....	321 Coliseum.....	E. Eastman.
EADS, FRANK C.....	Lit	Marshall, Tex.....	Dr. B. F. Eads.
FOLEY, JOHN J.....	Class ..	479 S. Rampart.....	M. Foley.
FORSYTH, DOUGLAS.....	Class ..	215 Louisiana Ave.....	H. D. Forsyth.
FORTIER, FLORENT.....	Mech ..	Jeannerette, La.....	Alfred Fortier.
FORTIER, POLYCARPO W.....	Class ..	313 Coliseum.....	Mrs. C. L. Fortier.
FOX, RAYMOND BURT.....	Math ..	Jesuits' Bend, La.....	Dr. D. R. Fox.
GREVENIG, EMILE.....	Mech ..	379 Magazine.....	Mrs. E. Grevenig.
GODCHAUX, EMILE.....	Mech ..	182 Esplanade.....	L. Godchaux.
GOMILA, ARTHUR T.....	Mech ..	1579 St. Charles.....	Mrs. A. J. Gomila.
GOMEZ, ERNEST.....	Com....	Orleans and Villere....	Wm. Gomez.
GUEDRY, ERNEST F.....	Com....	Carondelet and La. Av.V.	Guedry.
HARRIS, ALEXANDER.....	Mech ..	90 Esplanade.....	Alex. Harris.
HARRIS, CHARLES S.....	Mech ..	90 Esplanade.....	Alex. Harris.
HARRIS, WALTER J.....	Lit	547 Carondelet..	Edwin Harris.
HARDEE, GEORGE W.....	Nat.Sci.	168 Fourth.....	Mrs. H. S. Hardee.

- HELLWEGE, PETER.....Lit1306 St. Charles.....P. Hellwege.
 HENDERSON, ANDREW H.....Nat.Sci.915 Camp..... Wm. Henderson.
 HOEFELD, HERMANN.....Mech ..352 St. Peter..... H. Hoefeld.
 HERNDON, PRESTON.Mech ..Fourth and Prytania...Thos. C. Herndon.
 HANLON, EDWARD S.....Mech ..Bayou Goula, La.....M. Hanlon.
- JONES, HAMILTON P.....Class ..156 Washington.....Dr. Jos. Jones.
 JUNG, THEODORE AUGUST....Nat.Sci.362 Esplanade..Lewis Jung.
- KENNARD, THOS. C.....Math ..641 St. Charles.... J. H. Kennard.
 KERN, EDWARD.....Com...92 Erato..... Wm. Kern.
 KITZIGER, FRED. JOHN.....Mech ..95 Euterpe..... F. E. Kitziger.
 KLUMPP, FRED. W.....Com...146 Robin.....H. F. Klumpp.
 KRONENBERGER, GUSTAVE G...Mech ..51 Napoleon Ave.....G. Kronenberger.
 KRUMBHAAR, BUTLER.....Com...369 Carondelet.....W. B. Krumbhaar.
- LALLY, JOHN E.....Mech ..84½ St. Andrew.....M. G. Lally.
 LOEBER, FRED. R.....Class...160 Baronne.....Dr. F. Loeber
 LOGAN, GEORGE KING.....Math ..241 Prytania.....Dr. S. Logan.
- MCDONALD, HUGH J.....Mech ..318½ Washington.....H. J. McDonald.
 MADDUX, CLEMENT.....Class ..135 St. Charles.....T. A. Maddux.
 MALOCHEE, ALFRED P.....Math ..51 Esplanade..... P. Malochée.
 MANADE, MAURICE F.....Com...205 Bourbon.....M. Manadé.
 MOLONEY, M. S.....Mech ..672 N. Rampart.....Jas. Moloney.
 MURPHY, EDWARD.....Lit464 Prytania.....J. C. Murphy.
 MURPHY, ROBERT.....Class..25 Jackson.....Edmond Murphy.
 MOSS, RUSSELL JACOB.....Mech ..61 Lesseppe.....Mrs. A. Moss.
 MOORMAN, THOS. M.....Mandeville, La.....Col. Geo. Moorman.
 MCCracken, WILLIAM B.....305 Bienville.....Rev. W. C. McCracken
- NOBLE, W. P.....Math ..Hy. Clay Av. & Laurel.Mrs. F. E. Noble.
- O'DONNELL, ROBERT N.....Class ..383 N. Rampart.....L. O'Donnell.
- PEMBERTON, JOHN P.....Nat.Sci.265½ N. Rampart.....Wm. Pemberton.
 PITOT, DANIEL.....Mech ..2 Hall's Row.....Mrs. E. Pitot.
 PERRILLIAT, LOUIS.....Nat.Sci.6 St. Ann.....C. Perrilliat.
 POLLOCK, ERNEST C.....Math ..61 Olivier, AlgiersG. W. Pollock.
 PORTER, SIDNEY D.....Lit438 Josephine.....Mrs. A. A. Drake.
- RILEY, JOHN N.....Math ..36 Olivier, AlgiersMrs. John Riley.
 RIVET, EDWARD JOSEPH.....Mech ..233 Bayou Road.....Mrs. H. J. Rivet.
 RIGHTOR, WILLIAM FRANCIS..Lit466 Baronne.....Judge N. H. Rightor.
- SAUCIER, CHARLES E.....Mech ..392 Burgundy.....M. A. Saucier.
 SCHONFELD, OTTO.....Mech ..262 Roman.....Mrs. V. Schönfeld.
 SCHUMACHER, LOUIS.....Nat.Sci.311 Decatur.....C. F. Schumacher.
 SOBRAL, RICHARD.....Mech ..123 Decatur.....A. M. Sobral.
 STEWART, ANDREW.....Nat.Sci.227 Phillip.....Andrew Stewart.
 STEVENSON, WM. LAWRENCE..Mech ..61 Jackson.....John A. Stevenson.
- THOMAS, LEWIS C.....Class ..321 Coliseum.....Mrs. J. W. Thomas.
 TUJAGUE, S.....149 Second.....B. Tujague.
 TOBY, EDWARD N.....Mech ..1 Urania.....Edward Toby.
- VALLON, PETER.....Com...10 St. Peter.....L. Vallon.
 VOORHIES, JOHN.....Math ..171 Gravier.....E. E. Voorhies.
 VINET, ALBERT.....Mech ..48 St. Bernard.....N. V. Vinet.
- WATERMAN, CHARLES C.....Nat.Sci.240 Jackson.....T. S. Waterman.
 WILLOZ, VICTOR.....Mech215 Dumaine.....A. Willoz.
 WOESTE, RUDOLPH.....Mech ..Third and Prytania...R. L. Woeste.
 WOOD, WALLACE, JR.,.....Math ..Camp and Gen. Taylor.Wallace Wood.
 WESTON, GEORGE BENSON...Lit154 Conti.....Carl Katzenberger

INTERMEDIATE.

ANDRIEU, EUGENE A. Mech ..215 Dauphine..... J. Andrieu.
 ARMBRUSTER, FRED. W. Mech ..352 Canal..... B. Armbruster.
 ALCALA, FRANK D. Com...401 Villere..... F. C. Alcala.
 ARMSTRONG, FRANK DUVAL... Nat.Sci.Fourth and Jackson... Mrs. H. S. Armstrong.
 ABBOTT, JOHN WILLIAM Mech ..292 State..... A. L. Abbott.
 AIREY, JOSEPH A. Mech ..1329 St. Charles Ave. .. T. L. Airey.
 APP, WILLIAM SIDNEY... .. Mech ..199 Baronne..... E. C. App.

BURTHE, LEONCE. Mech ..18 St. Bernard..... L. Burthe.
 BURN, THOMAS MOORE..... Mech ..907 Magazine..... J. Burn.
 BLEAKLEY, ROBERT S. Com...224 Delord..... R. Bleakley.
 BREAU, GUSTAVE A., JR. Lit380 Prytania..... G. A. Breaux.
 BAUMGARTNER, JOSEPH C.... Mech ..506 S. Rampart..... F. Baumgartner.
 BRAND, PAUL J. Lit329 Marais..... Mrs. M. E. Brand.
 BOND, RICHARD Mech ..234 Canal..... Mrs. R. C. Bond.

CAMPBELL, WILLIAM S. Math...277 Jackson..... W. S. Campbell.
 CAMPBELL, J. BLAIR..... Math...334 Second..... Wm. Campbell.
 CAMPBELL, FRANK..... Mech ..666 St. Charles..... Capt. Wm. Campbell.
 COLEMAN, H. DUDLEY, JR. Mech ..1169 St. Charles..... H. D. Coleman.
 CHRIST, EMILE..... Lit51 N. Rampart..... Leopold Christ.
 CHRIST, ROBERT..... Lit51 N. Rampart..... Leopold Christ.
 CALDWELL, JOHN W., JR. Nat.Sci.63 Prytania..... Prof. J. W. Caldwell.
 COSBY, CHARLES V..... Nat.Sci.242 Philip..... R. E. Craig.

DUDENHEFFER, FERDINAND D. Mech ..71 Louisa..... F. Dudenheffer.
 DUFOUR, ELMORE G. Mech ..173 Carondelet.. .. Elmore Dufour.
 DINKELSPIEL, EDWARD. Lit286 Philip..... M. Dinkelspiel.
 DRUILHET, FRED JOSEPH..... Com...Jeannerette, La..... N. Druilhet.

ELIZARDI, JAMES WOODS..... Mech ..114 Mandeville..... P. Elizardi.
 ESTOPINAL, FERNAND..... Com...St. Bernard, La..... A. Estopinal.
 EDWARDS, WILLIAM P. Class...Abbeville, La..... W. W. Edwards.

FORSYTH, WILLIAM B. Class...215 Louisiana Ave.,... H. D. Forsyth.
 FAIRCHILD, FRED..... Math...475 Carondelet..... H. W. Fairchild.
 FRANTZ, WILLIAM LOUIS. Com...355 Elysian Fields..... W. Frantz.
 FOSTER, HORACE FRANK..... Mech ..250 Washington..... W. H. Foster.
 FOURNET, JOSEPH GILBERT... Com...Lake Charles, La..... G. A. Fournet.
 FOX, JOHN ANGEL..... Math...Jesuits' Bend, La..... Dr. D. R. Fox.
 FREDERIC EMILE D. Mech...Pratt and Cadiz..... L. J. Frederic.

GIVEN, RICHARD A. Com...228 Eighth..... E. A. Given.
 GRUNEWALD, RENE..... Com...224 Terpsichore.. .. L. Grunewald.
 GARRARD, JOSEPH B. Nat.Sci.500 St. Charles..... J. J. Garrard.
 GENNELLA, ALPHONSE JOHN.. Com...Soniat and Chestnut... C. Gennella.
 GAUTIER, EUGENE..... Mech ..W. Pascagoula, Miss... F. Gautier.
 GARLAND, ERNEST H. Com...732 St. Charles..... A. Martin.
 GREVENBERG, LOUIS P..... Mech ..Jeannerette, La..... Louis Grevenberg.
 GROJEAN, SAMUEL S. Com...Cor. Camp & Second.. Mrs. J. C. Grojean.

HARDIE, ROBERT T. Class...229 Jackson..... W. T. Hardie.
 HONOLD, GEO. C. Nat.Sci.212 Carondelet..... Mrs. C. Honold.
 HUGUET, CHARLES K. Math...314 Carondelet..... H. S. Bell.
 HERNANDEZ, EMILE..... Com...245 N. Rampart..... E. Hernandez.
 HACKNEY, ROBERT N. Com...458 S. Rampart..... R. H. Hackney.
 HOLDEN, GEORGE FULTON... Com...95 Prytania..... C. M. Holden.
 HANNA, CHARLES H. Mech ..160 Louisiana Ave. J. H. Hanna.
 HAYWARD, SAWYER..... Nat.Sci.177 Annunciation..... S. Hayward.
 HEDGES, SOUTHWOOD..... Nat.Sci.223 Delachaise..... J. H. Hedges.

IRION, HENRY A. Nat.Sci.Marksville, La..... Hon. A. B. Irion.

JOOR, SAMUEL FINLEY.... Math...939 Laurel..... Prof. J. F. Joor.

LYONS, GEORGE F..... Nat.Sci.584 St. Charles... I. L. Lyons.
LEWIS, UNCAS..... Nat.Sci.Tunisburg, La..... U. Lewis.
LANGBEHN, EDWARD NICHOLAS Mech...283 Magazine..... E. Rickert.
LANGBEHN, FRANK EDWIN.... Coin...229 Fourth..... F. Rickert.
LOUQUE, JAMES ARTHUR.... Lit.... Kennerville, La..... N. Louque.
LANPHIER, EDWARD S..... Math...212 Seventh..... J. L. Lanphier.
LEBRETON, CHARLES..... Math...224 Esplanade..... E. LeBreton.

MCCRACKEN, JOHN C..... Mech...30 Coliseum..... J. McCracken.
MATTHEWS, JEFFERSON J.... Mech...Gretna, La..... F. L. Matthews.
MARTINEZ, JAMES..... Com...682 Magazine..... J. D. Martinez.
MARTINEZ, EUGENE..... Com...122 Josephine..... E. J. Martinez.
MOORE, DANIEL..... Lit....219 Magazine..... J. W. Moore.
MONTAGNET, OCTAVE..... Mech...201 St. Philip..... O. Montagnet.
MOTHS, HENRY L..... Com...362 Fulton..... A. H. Moths.
MIELLY, EDMUND FRANCIS... Mech...245 Soniat..... V. Mielly.
MEYERS, WILLIAM ADAMS.... Lit....Pointe-a-la-Hache, La. B. Meyers.
MARKS, JOHN..... Lit....Paincourtville, La..... Wm. M. Marks.
MEHLE, ALLEN..... Lit....259 Jackson..... C. Mehle.
MCCALEB, THOMAS..... Class...580 St. Charles..... E. Howard McCaleb.
MYATT, WEBSTER ANDREW... Math...Monroe, La..... J. S. Jones.

NATHAN, EDWARD..... Mech...203 St. Joseph..... Chas. Nathan.

O'DONNELL, ALEXANDER C... Class...383 N. Rampart..... L. O'Donnell.
O'ROURKE, JAMES J..... Mech...96 Josephine..... J. J. O'Rourke.
O'NEILL, CHARLES A..... Class...Franklin, La..... J. A. O'Neill.

PERKINS, W. M..... Class...109 Coliseum..... Mrs. B. Perkins.
PALFREY, ROBERT J..... Mech...Esplanade and Dupré... G. W. Palfrey.
PALFREY, RICHARD H..... Mech...Esplanade and Dupré... G. W. Palfrey.
PETRICH, NICHOLAS LEE.... Class...247 Elysian Fields..... N. J. Petrich.
PATTON, IRVING H..... Mech...312 Camp..... W. L. Patton.
PEETE, WILLIAM R..... Math...142 Berlin..... G. A. Peete.

RENNYSON, ARCHIBALD M... Nat.Sci.149 Annunciation..... Henry Rennyson.
RICHARDSON, THOS. FARRAR... Nat.Sci.279 Foucher..... H. B. Richardson.
RICHARDSON W. COLEMAN... Com...247 Felicity..... Col. J. B. Richardson.
RICHARDSON, JOHN S..... Com...247 Felicity..... Col. J. B. Richardson.
RAINOLD, EMILE FREDERICK.. Lit....501 Baronne..... F. Rainold.
ROWLAND, HAMILTON TAYLOR Math...176 Peniston..... J. G. Rowland.
RUSSELL, ERNEST H..... Lit....295 Baronne..... Mrs. M. L. Russell.

SALUSBURG, H. H..... Mech...915 Camp..... Wm. Salusburg.
ST. MARTIN, ARMAND..... Math...249 Johnson..... P. E. St. Martin.
STEINAU, H. A..... Mech...12 Carondelet..... P. M. Steinau.
SEGRAVE, WILLIAM T..... Com...64 Louisa..... J. J. Segrave.
SEEMAN, EDGAR..... Math...420 Camp..... George Seeman.
SANDOZ, W. J..... Mech...Opelousas, La..... L. A. Sandoz.
SCHNEIDAU, ARTHUR J..... Mech...201 Esplanade..... P. M. Schneidau.
SOCOLA, SAN REMO..... Com...138 Decatur..... A. Socola.

TREPAGNIER, NORTON, JR... Mech...Algiers, La..... N. Trepagnier.
THOMAS, JOHN RIDGELY..... Mech...240 Esplanade..... Gen. Allen Thomas.
TURNER, JAMES W..... Mech...128 Mandeville..... Lawrence Turner
TENNISON, JOHN F..... Mech...Summit, Miss..... C. E. Tenneson.

WALLS, WILLIAM EDWARD... 493 Royal..... Richard Walls.
WIGHT, IRA EDWARD..... Com...Second and Prytania... Pearl Wight.
WATKINS, LEIGH..... Math...296 Baronne..... J. T. Watkins.
WATKINS, WILLIAM RAGLAN.. Math...296 Baronne..... J. T. Watkins.
WEAVER, LOUIS A..... Mech...517 Baronne..... A. C. Weaver.

WILLIAMS, SCOTT LEE.....Lit Cor. Bordeaux & Laurel M. Williams.
WOOD, JOHN EDWARD.....Mech ..281 St. Andrew.....Mrs. H. Wood.
YOUNGS, ELIAS HICKS.....Mech .. 123 Robin..... W. C. Flower.

SUB-FRESHMAN CLASS.

BLAKE, FRANK POLK.....Class ..234 Jackson.....Mrs. F. D. Blake.
BROOK, WILLIAM H. DART, JR.Mech ..307 Annunciation.....W. D. Brook.
BAILEY, JONAS WILLIAM.....Mech ..540 Baronne.....W. E. Raymond.
BARNETT, MAURICE.....Lit.....124 Esplanade.....Louis Barnett.
CONRAD, PAUL, JR.....Lit.....266 Bayou Road.....Paul Conrad.
CHAMPLIN, WILLIAM F.....Com...503 N. Claiborne.....W. S. Champlin.
CRAIG, FOUNTAIN B.....Nat.Sci.242 Philip.....R. E. Craig.
DUFOUR, WILLIAM CYPRIEN..Lit.....173 Carondelet.....Elmore Dufour.
DYKERS, REGINALD.....Mech ..429 Carondelet.....R. H. Dykers.
DENNEE, JOHN SINCLAIR.....Com...421 S. Rampart.....R. Stewart Dennee.
DAVIS, LEE.....Nat.Sci.579 St. Charles.....Mrs. L. M. Davis.
ELIZARDI, PETER ALPHONSE..Mech ..114 Mandeville.....P. Elizardi.
ELLIS, ROBERT R.....Com...264 N. Rampart.....W. C. Ellis.
HARDIE, WILLIAM FRIERSON..Class...229 Jackson.....W. T. Hardie.
HENDERSON, HUNT.....Nat.Sci.313 Josephine.....Wm. Henderson.
HARTMAN, JACOB YOKLEY....Nat.Sci.148 St. Andrew.....H. B. Hartman.
HENRIQUES, JAMES CLARK...Mech ..343 Josephine.....A. D. Henriques.
HASKELL, JOHN CHEVES, JR..Math ..New Iberia, La.....J. C. Haskell.
HASKELL, EDWARD CHEVES..LitNew Iberia, La.....J. C. Haskell.
HERNSHEIM, FRANK.....Com...1838 St. Charles.....S. Hershheim.
KEARNY, EDWARD NEWTON...Mech ..408 St. Charles.....J. W. Kearny.
LIVAUDAIS, LOUIS A., JR....Mech ..168 Clio.....L. A. Livaudais.
McMAHON, SAMUEL CUTLER..Com...291 St. Charles.....Dr. Wm. J. McMahon
McCORKINDALE, WILLIAM J..Com...391 Baronne.....Wm. McCorkindale.
MIOTON, JOHN STEPHEN.....Com...327 Ursuline.....J. S. Mioton.
MENAGE, HENRY EDWARD....Com...Esplanade and Prieur..H. Menage.
PALFREY, WM. SKILLMAN....Mech ..329 Coliseum.....E. A. Palfrey.
PETERS, URBAN JOSEPH W...Nat.Sci.247 Third.....Mrs. I. H. Peters.
PARKER, ARTHUR D'EVEREUX.Lit294 Prytania.....J. M. Parker.
ROEHL, FRED. AUGUST.....Math ..132 Constance.....H. Roehl.
STEINAU, LEE.....Nat.Sci.235 Chestnut.....Lee Steinau.
SOUTHMAYD, WILLIAM PIKE..Math ..767 Carondelet.....F. R. Southmayd.
TOBIN, JOHN FRANCIS.....Class ..414 Esplanade.....Capt. J. W. Tobin.
TRAHAN, ANATOLE RAOUL....Math ..126 Royal.....J. D. Trahan.
THIBAUT, PETER ARTHUR ...Class... 12 St. Anne.....Jas. Thibaut.
VON PHUL, WILLIAM.....Math...Port Allen. La.....Mrs. Wm. Von Phul.
WATERMAN, THOMAS SCOTT..Mech ..240 Jackson.....T. S. Waterman.
WILTZ, LOUIS GEORGE.....Com...285 Philip.....Gen'l A. Meyer.
WEST, ROBERT SIMONSON ...Lit..... 3 North.....Dr. J. West.

ROLL.

PREPARATORY CLASS.....97
INTERMEDIATE "112
SUB-FRESHMAN "39

TOTAL,.....248

Detailed Statement of Work in the Several Courses.

ENGLISH.

In the first year, the teaching of English is partly grammatical, partly literary. The traditions and cast iron rules of the old grammars are disregarded; but sufficient knowledge of the parts of speech is acquired to lead up to the analysis of sentences. The student is brought face to face with the language, and finds in the printed pages of extracts from the best authors the illustration of syntactical principles.

Original compositions are not required at this stage of study; the student is trained in spelling, punctuation, and other conventional rules. The use of correct English is taught orally and by dictation exercises, and the student is constantly required to change simple sentences into compound and complex. The analysis of sentences is thoroughly taught.

An effort is made to inculcate a fondness for reading, and books suited to the student's capacity are recommended by the professor. Care is taken, however, to make reading not a task, but an agreeable habit that will continue to be a source of pleasure during life.

In the Intermediate Class, the same plan is pursued with reference to reading and writing. The pupil is made familiar with many of the idioms of our language, a necessary step to the acquisition of other languages; and he begins a work on Composition.

To train the memory, students are required to learn by heart selections from the best authors, and to train the voice, they are put under the care of the Professor of Elocution. The books recommended for reading are more advanced than those of the preparatory year, and are suited to the gradual development of the student's faculties.

A short history of the United States is read with the class during these two years.

In the Sub-Freshman Class, direct preparation for the College is begun. The student is taught the simpler rules of Rhetoric, and he is called upon to do some original work in English Composition. A sketch of American Literature is studied, and the history of England is finished.

A small work on Science Etymology is completed.

Text-books are:

PREPARATORY: Whitney's Essentials (Syntax of Simple Sentence); Dalgleish's Analysis; Scudder's History of the United States to 1776; Dictation Exercises.

INTERMEDIATE: Scudder's History (Completed); Chittenden's Elements of Composition; Exercises, Reading and Declamation.

SUB-FRESHMAN: Anderson's History of England; Science Etymology; Halderman's Word Building; Richardson's Primer of American Literature; Exercise in Composition and Declamation; Notes on Rhetoric by the Professor.

LATIN.

PROFESSOR HURT.

Latin in the High School is begun in the Preparatory Class in the Classical, Literary and Scientific Courses, and is continued through three years.

PREPARATORY CLASS: Gildersleeve's Latin Primer.

INTERMEDIATE CLASS: Gildersleeve's Latin Primer finished; Gildersleeve's Grammar, Reader; Exercise Book begun.

SUB-FRESHMAN CLASS: Gildersleeve's Grammar and Reader; Exercise Book continued; Cæsar.

GREEK.

PROFESSOR GESSNER.

Greek is taught in the Classical Course, and is begun in the Intermediate Class.

INTERMEDIATE CLASS: Goodwin's Grammar; Harkness's First Greek Book; Xenophon (one book).

SUB-FRESHMAN CLASS: Goodwin's Grammar; Jones's Greek Prose Composition; Xenophon (three books); Fyffe's History of Greece.

MATHEMATICS.

ASSISTANT PROFESSOR PIERCE.

For admission to the Preparatory Class in the High School applicants are required to be proficient in Arithmetic through Percentage and its applications (242 pages in Nicholson's Complete Arithmetic or an equivalent amount of work in some other book).

PREPARATORY CLASS: Arithmetic Completed. Algebra begun.

INTERMEDIATE CLASS: Algebra, to Quadratics. Geometry begun.

SUB-FRESHMAN CLASS: Algebra to Logarithms. Geometry; (six books).

Text-Books:

PREPARATORY CLASS: Wentworth & Hill's Practical Arithmetic. Wentworth's Elements of Algebra (Shorter Course).

INTERMEDIATE CLASS: Wentworth's Complete Algebra; Wentworth's Plane and Solid Geometry.

SUB-FRESHMAN CLASS: Wentworth's Complete Algebra; Wentworth's Plane and Solid Geometry.

FRENCH COURSE.

ASSISTANT PROFESSOR KUSIAN.

In the Mechanical and Commercial Courses of the High School. French or German must be taken; beginning in the Preparatory year, it is continued throughout three years.

The object in view is to give the student a thoroughly practical knowledge of the language, especially in reading and speaking it. For that purpose a good deal of time is devoted to reading standard French works, and for a year and a half nothing but French is used in the class room.

Text-books used:

PREPARATORY CLASS: First French Course (Chardenal); *Choix de Contes Contemporains* (O'Connor).

INTERMEDIATE CLASS: Second French Course (Chardenal); *History of France* (Anderson); *Choix de Cotes Contemporains* (O'Connor); *Mlle. de la Sieglière* (Jules Sandeau); *Le Cid* (Corneille).

SUB-FRESHMAN CLASS: *Deuxième Année de Grammaire* (Larive et Fleury); *Primer of French Literature* (Saintsbury); *Gasc's Translator*; *Britannicus* (Racine); *l'Avare* (Molière); *Hernani* (V. Hugo).

GERMAN COURSE.

PROF. J. HANNO DEILER.

There is a three years' Course of German in the High School which may be taken by students of the Commercial and Mechanical Courses in place of French.

Those that begin French in the High School will study German in College, in the Junior and Senior years of their respective courses.

PREPARATORY CLASS: Eysenbach's German Grammar; Conversation; Narrative; Prose.

INTERMEDIATE CLASS: Finish Eysenbach's Grammar; Reading; Conversation; Geography of the German Empire.

SUB-FRESHMAN CLASS: Review of Grammar; Political History of Germany and History of German Literature; Conversation; Exercises in German Composition; Selections from Classical Writers.

MANUAL TRAINING.

PROFESSOR JOHN M. ORDWAY, DIRECTOR.

As Manual Training is found to be a valuable adjunct to intellectual cultivation, a considerable amount of practice in wood working is required even in the Classical Course of the High School. In the other courses the manual instruction is carried farther and includes pattern making, forging iron and steel. The work proceeds step by step from the easier to more difficult operations, and is calculated to impart a fair

degree of skill and a general practical knowledge of tools, materials, methods and principles, rather than that nicety of execution which can be acquired only by long, time-consuming practice within a limited range.

The exercises are selected with reference to healthy muscular development, and by a suitable alternation of shop work with class room studies the pupil is enabled to make more real progress in intellectual growth within the school years than can be gained by fatiguing devotion to study alone. The interest of the student is stimulated by keeping in view utility or beauty in the objects constructed. The shop work manipulation constitutes an excellent preparation for subsequent laboratory practice of all kinds. Or, should the student be obliged to terminate his schooling with a high school course, the manual training will be of great advantage in fitting him for his life work, whatever occupation he may engage in. Education in which the manual element has a share is particularly suitable for those who are to assist in developing the industrial resources of the country.

DRAWING.

Drawing is considered as a language or mode of expressing ideas, and as being therefore not less important than linguistic study, on account of its disciplinary as well as its direct practical value. All the High School pupils are taught more or less of free hand or mechanical drawing and design, according to the needs of the different Courses. While the artistic side is not altogether neglected, attention is directed mainly to the industrial aspects of the subject. The exercises consist mostly in drawing directly from the objects, while the pupil is also instructed in the various auxiliary geometrical problems and the conventional devices which facilitate clear expression. The student is expected to observe constantly the relation of the object to the mode of its representation and to become self directing, without wasting time in copying the delineations of others. As the work advances the imagination is cultivated by the consideration of projections and shadows, and by drawing ideal sections, by sketching from memory, and by making original designs.

In the examinations, pupils are questioned on the principles of illustration and are expected to make time sketches or designs.

For the mechanical drawing each one must provide himself with a set of drawing instruments.

CONDITIONS OF ADMISSION.

For admission to the Preparatory Class of the High School, pupils must be twelve years of age, of good moral character, and must be proficient in Reading, Writing, School Geography, Arithmetic through Percentage and its applications, and in Reed and Kellogg's graded lessons in English, or in an equivalent amount of work in some other book.

To enter, or to be promoted to any advanced class in the High School, students must have completed satisfactorily the studies of the classes below, or a full equivalent for them.

EXAMINATIONS.

Entrance Examination will be held June 18th and 19th, and October 3d, 4th and 5th.

Two examinations are held yearly in the High School. The Intermediate examination begins Wednesday, February 8th, 1888; the Final, begins Monday, June 11th. In order to ensure promotion to advanced standing, students must pass both satisfactorily.

Between the beginning and close of examinations no lectures are delivered, and students are not required to come to the University, except on the days when they are to be examined; on other days they are advised to stay at home and study diligently.

Punctuality in attendance is rigidly enforced as a necessary requirement to secure fidelity and impartiality in the examination.

DIPLOMAS.

Students satisfactorily completing any course in the High School will receive Diplomas as graduates of the High School.

Before admission to any class of the High School, the student must matriculate and present his certificate of matriculation from the Secretary, Mr. Wm. O. Rogers. The annual tuition fee is \$50, the first quarter of which, \$12.50, must be paid before matriculation.

TULANE COLLEGE.

Tulane College rests upon its High School, of which it is the proper outcome. It covers, with four years of solid collegiate instruction and training, the second great phase of liberal education. Its purpose is to train and discipline the student for the professions or for leadership in the superior walks of the manifold and ever widening spheres of active life.

To attain properly this high aim every faculty of the mind must be disciplined to work efficiently to its appointed ends. And for this discipline every grand division of the complete sphere of human knowledge should be represented in a rounded plan of academic education. Philosophy, History, Mathematics, Natural Science in its principal realms, and the Languages, which are the expression and embodiment of human thought, all serve as necessary agents in a harmonious evolution of intellect and character, and should all be represented in any scheme or course of study which pretends to give a complete liberal education. To assume, however, that there is only one course which shall do equally well for all, no matter what their intended careers may be, is to take the attitude of the quack who has one nostrum for all human ills.

"A man should be first, and most of all, a man; and hence, as I have said, *all* his faculties must be educated. But to be a man in the highest sense, he must be a thinker and worker in some special thing. Every true man has his appointed place to fill in the grand scheme of Providence. Be it little or great, he should try to fill it adequately. But to do this aright, not only must all his faculties be developed, but some of them must be specially developed. Hence all the faculties are not to be *equally* educated. In their education we must look to this end in view. The education of each man must be adapted, as far as possible, to his proposed work in life. It is plain, therefore, that no one curriculum will suit every mind. There is no panacea in education."*

While this is true, yet this institution accepts the experience of past generations, and that of the wisest educators in this, which declare that, for the highest culture and for the best development in the learned professions, the study of Greek is invaluable; and, to this end, the Classical Course is strongly recommended to all who have the time and ability to pursue it.

*President Johnston's address on "The Work of the University of America," before the South Carolina College, Jan. 25th, 1884.

Not trusting in the ability of immature students, or even of parents unaccustomed to consider the due proportions and sequence of studies, to properly formulate their own ideals in education, Tulane College has established six courses of study, with prescribed branches, all leading to the degree of Bachelor of Arts. These courses, though leading to different pursuits in life, are parallel and fully equivalent in the amount, proportion, and exactness of the training and instruction afforded.

In the grouping and succession of studies in these Courses, while the opportunity is afforded to obtain such sufficient information in all the great realms of human knowledge as should be considered requisite to a liberal education, still greater regard is had to that rigorous training of the faculties which develops intellectual energy and moral power. It is intended that the degree of Bachelor of Arts, which crowns each of these six courses, shall be an honest testimonial to solid acquirements.

The difference in the courses is somewhat in the sequence of the subjects, largely in the amount of the particular branches pursued, and to a certain extent, in the substitution of studies, equivalent in amount, and as nearly so as possible in intrinsic and disciplinary value to the student.

The courses are denominated, respectively, Classical, Literary, Mathematical, Natural Science, Commercial and Mechanical. Each has four Classes, which retain the time honored names of Freshman, Sophomore, Junior and Senior. In each course of study, and in each year of that course, it has been sought, by a proper and logical arrangement of studies, to carry forward the instruction and the training to a given practical end.

The degree of Bachelor of Arts is conferred for the successful accomplishment of any one of the six regular courses named, and students of extraordinary merit may have added to this, "with distinction."

A comparison of our courses of study, as set forth, with those of some of the best in the land will show that we have not diminished the requirements for graduation as Bachelor of Arts, in the amount of studies, and we hope to prove by our strictness in granting degrees that the standard of excellence has not been lowered. Some of our older Universities have larger requirements for the Baccalaureate degree, but not for the true University degrees of Master of Arts and Doctor of Philosophy.

CLASSICAL COURSE:—In the Classical Course, an attempt is made to preserve the foothold of the ancient languages, Latin and Greek, and to afford to the student willing to submit to their invaluable and unsurpassed

mental discipline, the opportunity to obtain a solid classical education. Mathematics, including Analytical and Descriptive Geometry, is finished in the Sophomore year.

This course is especially recommended to students aiming at the learned professions.

LITERARY COURSE. — The Literary Course differs from the Classical by the omission of Greek, and the substitution of fuller courses of Latin, German, French and Natural Science.

NATURAL SCIENCE COURSE. — The Natural Science Course differs from the Mathematical by the substitution during the Junior and Senior years, of large practice in Chemistry and Biological work in the Laboratory in place of Physics and applied Mathematics.

This course is well adapted for students intending to study Medicine or Pharmacy.

MATHEMATICAL COURSE. — In this course Latin and Greek are omitted in the College. Three years of Latin in the High School are given as the linguistic basis of this course in the ancient languages. For the ancient languages a very full course of Mathematics, Mathematical Physics and Laboratory work is substituted. This course is particularly suitable for those who intend to become civil or electrical engineers.

MECHANICAL COURSE. — In the Mechanical Course an attempt is made to combine culture with practical mechanical training. When the student enters the College, after three years in the High School, his hand training in wood and iron is followed by machine work in metals and by mechanical construction. This lasts through two years. His drawing is also carried forward into the higher branches of the art.

This course is clearly analogous to the Mathematical Course, except the French is carried further, and, in a general way, Applied Mathematics and Practical Mechanics are substituted for Mathematical Physics and Physical research. The hope is entertained that our graduates in this course will not prove inferior to the best students of similar standing elsewhere.

COMMERCIAL COURSE. — The need has long been felt in commercial circles throughout the United States for a more liberal education, under higher auspices, of young men intending to pursue a commercial career. The instruction given is too often inadequate in amount, superficial in character, and ill adapted to the development of intellectual and moral power. An effort is made in this course to supply a want,

The linguistic training embraces French, German and Spanish; and these languages are taught not only colloquially, under the most favorable conditions, but in their higher literary and philological aspects. Mathematics is carried through solid Geometry, Trigonometry and Surveying. The English, Literary and Philosophical studies and the Natural Sciences are taught as fully as in the Classical Course. To these are added larger studies in Political Economy and Commercial Law, and in Political and Commercial Geography, and in Geology and Astronomy. The practical Book-keeping of the High School is supplemented by full courses and practice in Type Writing and Short Hand and Telegraphy, and in Life and Fire Insurance and Bank and Railroad accounts. The efforts will be made to combine culture with practical business attainments.

SPECIAL COURSE FOR STUDENTS IN MEDICINE AND PHARMACY. — In order to give an opportunity for special preparation to Students of Medicine, a Preliminary Course has been established in the College for their benefit. This is strongly recommended by the Faculty of the Medical Department to all such as have not had the advantage of thorough training in the branches taught in it, and will be received as equivalent to one year's study in a physician's office. These branches are: Physics, Biology (with microscope), Chemistry, Botany, Rhetoric, German, and English Literature, with the privilege of attending a class in Drawing.

The terms for attendance on this course will be Fifty Dollars, and it will occupy a session of nine months.

TULANE COLLEGE AND UNIVERSITY.

FACULTY OF ARTS.

WM. PRESTON JOHNSTON, LL. D.,
CHAIR OF HISTORY AND POLITICAL SCIENCE.

BRANDT V. B. DIXON, A. M.,
CHAIR OF METAPHYSICS.

RICHARD H. JESSE,
CHAIR OF LATIN.

ROBERT SHARP, M. A., Ph. D. (Leipsic),
CHAIR OF ENGLISH.

JOHN R. FICKLEN, B. LET. (University of Virginia),
CHAIR OF ENGLISH HISTORY AND RHETORIC.

J. HANNO DEILER (Royal Normal College of Munich),
CHAIR OF GERMAN LANGUAGE AND LITERATURE.

ALCÉE FORTIER,
CHAIR OF FRENCH LANGUAGE AND LITERATURE.

JAMES ROHDE,
CHAIR OF SPANISH.

J. L. CROSS, A. B. (Va. Mil. Inst.),
CHAIR OF MATHEMATICS.

FLORIAN CAJÖRI, B. S.,
CHAIR OF APPLIED MATHEMATICS.

TULANE UNIVERSITY OF LOUISIANA.

BROWN AYRES, B. Sc. (Stevens Institute),
(Fellow of Johns-Hopkins University),

CHAIR OF PHYSICS.

JOHN M. ORDWAY, A. M. (Dartmouth),
CHAIR OF APPLIED CHEMISTRY AND BIOLOGY.

GEORGE GESSNER, A. M.,
PROFESSOR OF GREEK.

JOHN W. CALDWELL, A. M., M. D.,
CHAIR OF CHEMISTRY AND GEOLOGY.

STANFORD E. CHAILLÉ, M. D.,
PROFESSOR OF PHYSIOLOGY AND HYGIENE.

WILLIAM WOODWARD (Massachusetts Normal Art School),
PROFESSOR OF DRAWING.

ELLSWORTH WOODWARD,
PROFESSOR OF DRAWING.

JOSEPH F. JOOR, M. D.,
PROFESSOR OF BOTANY.

ARTHUR S. WHEELER, A. M.,
ASSISTANT PROFESSOR OF PHYSICAL GEOGRAPHY AND BIOLOGY.

CATALOGUE OF STUDENTS.

9th Annual Session, 1886-87.

UNIVERSITY.

CRAIG, ROBT. ALLEN
GROENEVELT, JOHN FREDERICK

DÉLBERT, ALPHONSE F.

FELLOWS, GEORGE E.
GILL, CHARLES GRANDISON

SPECIAL.

ARMSTRONG, WILLIAM GREER
CRAWFORD, JAMES
DEPASS, MORRIS B.
ELDER, WINCHESTER

GROENEVELT, EDWARD C.
HASSAM, J. O.
PARKER, FITZGERALD SALE
RICKER, H. F.
VON GOHREN, LOUIS H.

SENIOR CLASS.

NAMES OF STUDENTS.	COURSE.	RESIDENCE.	NAMES OF PARENTS OR GUARDIANS.
FORMAN, BENJAMIN, R. JR.	Lit.	317 Second	B. R. Forman.
LEWIS, HAMPDEN SIDNEY	Nat. Sci.	207 St. Charles	Dr. E. S. Lewis
MCLEOD, WILLIAM CHARLES	Class	211 Prytania	Mrs. M. I. McLeod.

JUNIOR CLASS.

BORDE, GEORGE URQUIHART	Mech	252 Canal	Dr. J. F. Borde.
DYMOND, JOHN, JR.	Lit	Fourth and Chestnut	John Dymond.
FENNER, ERASMUS DARWIN	Lit	First and Camp	Chas. E. Fenner.
MAAS, CHARLES O.	Nat. Sci.	Royal and Bienville	Dr. B. Maas.
MALOCHEE, HENRY J.	Mech	51 Esplanade	P. Malochée.
SCHERCK, LEWIS ALCUS	Nat. Sci.	235 Chestnut	I. Scherck.
SPENCER, WALTER BRAINERD	Nat. Sci.	949 Magazine	Mrs. W. B. Spencer
WATTS, OCTO N. O.	Class	Alexandria, La.	Geo. O. Watts.

SOPHOMORE CLASS.

ADLER, JACOB	Com.	429 Canal	A. Adler.
ALLAIN, ERNEST B.	Mech	73 Coliseum	Louis Bush.
BAYNE, HUGH A.	Class	197 St. Joseph	T. L. Bayne.
BRADY, CULLEN MILO	Lit	Waggaman P. O., La.	J. S. Brady.
BROWN, CHARLES H	Mech	584 Camp	C. H. Brown.

CARTER, THOMAS Class 304 Baronne..... Rev. C. W. Carter.
 CARTER, THOMAS TODD..... Lit 196 Second..... Dr. J. Carter.
 CHURCHILL, CHARLES ROBERT. Mech 1168 St. Charles..... Mrs. M. T. Churchill.
 DREYFUS, THEODORE W..... Lit.... .. 283 St. Andrew..... Leon Dreyfus.
 FOSTER, JOHN FREDERICK.. . Class 250 Washington..... W. H. Foster.
 GESSNER, HERMANN J. B..... Class 297 Rocheblave..... Prof. Geo. Gessner.
 HERO, WILLIAM SOMER..... Com Third and Camp..... Andrew Hero.
 JURGIELEWICZ, EDWARD A ... Lit 454 Tulane Ave Mrs. W. L. Jurgielewicz
 LASHBROOKE, EDWARD LEE .. Mech 73 Coliseum..... Louis Bush.
 LEOVY, FRANK ADAIR Lit 221 Jackson..... H. J. Leovy.
 MILNER, PURNELL M..... Lit 86 Marengo..... Dr. U. R. Milner.
 NORTON, GILBERT H..... .. Math 216 Third..... Geo. Norton.
 PARKER, ROBERT BUCKNER ... Nat. Sci.. 294 Prytania..... Jno. M. Parker.
 PERKINS, ROBERT J., JR..... Lit Carrollton, La..... R. J. Perkins.
 PATTON, MERCER WILLIAMS .. Nat. Sci.. 211 Washington..... I. W. Patton.
 VAUGHAN, THOMAS WAYLAND. Nat. Sci.. Jonesville, Tex..... Dr. S. F. Vaughan.

FRESHMAN CLASS.

BERNARD, VICTOR LEON..... Com .. . 140 Kerlerec..... P. V. Bernard.
 BUTLER, GEORGE LACEY..... Lit 398 Carondelet..... F. N. Butler.
 BONVILLAIN, MARSHALL JOS... Mech Houma, La.... .. A. Bonvillain.
 CHALARON, FRANK J..... .. Math 63 Esplanade..... J. A. Chalaron.
 DONELSON, SIDNEY..... .. Lit Thibodaux, La..... Mrs. G. D. Cragin.
 EVANS, WILLIAM G..... .. Mech Pitt & Constantinople. Rev. Chas F. Evans.
 ESTOPINAL, ALBERT..... .. Mech St. Bernard, La..... A. Estopinal.
 FRANK, WALTER SEYMOUR.... Mech Camp and Delachaise. W. Frank.
 GILL, HENRY MILLER..... .. Lit 349 Carondelet..... T. M. Gill.
 HARRIS, BEVERLY JOSEPH Lit 867 St. Charles..... J. L. Harris.
 HERNSHEIM, CHARLES Mech 963 St. Charles..... S. Hershheim.
 JEWELL, WALTER L..... .. Lit 321 Annunciation.... E. J. Hart.
 JOUBERT, FREDERICK LEON... Com..... 259 Rampart..... L. Joubert.
 KEARNY, WARREN..... .. Com..... 408 St. Charles..... J. W. Kearny.
 KERNAN, BENJAMIN WALL.... Lit Clinton, La..... Judge W. F. Kernan.
 KREEGER, SAMUEL G., JR.... Com..... 865 Carondelet..... S. G. Kreeger.
 LEVY, JOHN COTTON..... .. Lit 116 Orange..... L. L. Levy.
 LEWIS, ALFRED JOSMUA, JR... Lit 57½ Esplanade..... A. J. Lewis.
 LOWE, LEE GEORGE Nat. Sci.. 30 Jackson..... M. M. Lowe.
 OWEN, ALLISON..... .. Mech .. . Third and Chesnut... Wm. M. Owen.
 OTIS, ROWLAND..... .. Mech 94 Felicity..... Henry Otis.
 PARHAM, EUGENE C..... .. Mech 243 Delachaise..... E. F. Parham.
 PARKER, JAMES PORTER Lit 294 Prytania..... Jno. M. Parker.
 PEETE, RICHARD..... .. Lit Berlin and Prieur Geo. A. Peete.

REED, WARREN B.	Lit	Hillary and Zimpe!	Prof. L. C. Reed.
RAINOLD, MOZART W.	Lit	501½ Baronne.	F. E. Rainold.
ROMAIN, ARMAND GEORGE	Nat. Sci.	349 Marais	A. G. Romain.
ROSENBERG, ABRAHAM	Com	152 Delord	B. Rosenberg.
SOMPAYRAC, ALEX. H.	Math	Natchitoches, La.	A. E. Sompayrac.
SMYTH, JOHN, JR.	Mech	Waterproof, La.	Jno. Smyth.
STEWART, JOHN NELSON	Nat. Sci.	237 Philip	Andrew Stewart.
TEBAULT, CHRISTOPHER H., JR.	Nat. Sci.	7 North	Dr. C. H. Tebault.
VILLERE, HENRY L.	Nat. Sci.	346 Esplanade	L. C. Villere.
WATERMAN, GEORGE ABBOT.	Math	240 Jackson	T. S. Waterman.
WILLIAMS, HARPER	Lit	243 St. Mary	M. Williams.
WOOD, BRINGIER TRIST	Class	258 Prieur	R. C. Wood.

 RECAPITULATION:

University	5
Special	9
College—Seniors	3
“ Juniors	8
“ Sophomore	21
“ Freshman	36
Total	82

TULANE COLLEGE.

Class. Classical Course.	Literary.	Natural Science.	Mathematical.	Mechanical.	Commercial.	Hours per Week.
SENIOR.						
Mental Science... 5	Mental Science... 5	Chemical Laboratory... 9	Chemical Laboratory... 9	Chemical Laboratory... 9	Accounts... 6	3
Political Science... 2	Political Science... 2	Biological Laboratory... 9	Physical Laboratory... 9	Applied Mechanics... 4	Commercial Law... 4	4
Rhetoric... 2	Rhetoric... 2	Rhetoric... 2	Rhetoric... 2	Rhetoric... 2	Rhetoric... 2	2
German... 3	German... 3	German... 3	German... 3	Theory of Tools, etc... 2	Technology... 2	2
English... 3	English... 3	Mental Science... 5	Math. Physics... 3	German or French... 3	German or French... 3	3
Greek... 3	Latin... 3	Political Science... 2	Mental Science... 5	Materials of Con... 3	Materials of Con... 3	3
Latin... 3	Physiology... 1	Physiology... 1	Political Science... 2	Mental Science... 2	Mental Science... 2	5
Physiology... 1			Physiology... 1	Political Science... 2	Political Science... 2	2
				Physiology... 1	Political Economy... 3	3
					Physiology... 1	1
JUNIOR.						
Latin... 4	Latin... 4	Physical Laboratory... 6	Physical Laboratory... 6	Physical Laboratory... 6	Accounts... 6	3
Greek... 4	French... 4	Chemical Laboratory... 6	Analytical Mechanics... 4	Analytical Mechanics... 4	Chemical Laboratory... 4	4
German... 4	German... 4	German... 4	German... 4	German or French... 4	German or French... 4	4
English... 2	English... 2	English... 2	English... 2	English... 2	English... 2	2
History... 1	History... 1	History... 1	History... 1	History... 1	History... 1	1
Chemistry... 4	Chemistry... 4	Chemistry... 4	Chemistry... 4	Chemistry... 4	Chemistry... 4	4
Astronomy... 1	Astronomy... 1	Astronomy... 1	Astronomy... 1	Astronomy... 1	Astronomy... 1	1
Geology... 2	Geology... 2	Geology... 2	Geology... 2	Geology... 2	Geology... 2	2
		Mathematics... 3	Mathematics... 3	Mathematics... 3	Spanish... 3	3
SOPHOMORE.						
Latin... 4	Latin... 4	Physical Laboratory... 2	Physical Laboratory... 2	Physical Laboratory... 2	Physical Laboratory... 2	2
Greek... 4	German... 4	Rhetoric... 1	Rhetoric... 1	Drawing... 1	Accounts... 5	6
Rhetoric... 1	English... 1	English... 1	English... 1	Manual Training... 5	Telegraphy & Shorthand... 3	3
English... 2	French... 3	French... 3	French... 3	Rhetoric... 1	Rhetoric... 1	1
French... 3	French... 3	Mathematics... 6	Mathematics... 6	English... 2	English... 2	2
Mathematics... 3	Mathematics... 3	Physics... 6	Physics... 6	Mathematics... 6	Com'l Correspondence... 2	2
Physics... 3	Physics... 3			Physics... 6	" History... 3	3
					" Arithmetic... 3	3
					Physics... 6	6
FRESHMAN.						
Latin... 4	Latin... 4	Physical Geography... 2	Physical Geography... 2	Physical Geography... 2	Physical Geography... 2	2
Greek... 4	German... 4	Biography... 3	Biography... 3	Biography... 3	Commercial Arithmetic... 3	3
Rhetoric... 3	Rhetoric... 3	Drawing... 6	Drawing... 6	Drawing... 6	Drawing... 6	6
English... 3	English... 3	Rhetoric... 3	Rhetoric... 3	Rhetoric... 3	Rhetoric... 3	3
French... 4	French... 4	English... 4	English... 4	English... 4	English... 4	4
Mathematics... 5	Mathematics... 5	Mathematics... 5	Mathematics... 5	Mathematics... 5	Mathematics... 5	5
		Manual Training... 6	Manual Training... 6	Manual Training... 6	Shorthand & Typewriting... 3	3

Detailed Statement of Work in the Several Courses.

HISTORY AND POLITICAL SCIENCE.

Greek, Roman, English, French, German and Spanish History are taught by the Professors of these languages. The Philosophy of History and Political Science are taught to the University students and Senior under-graduates in a course of lectures.

LATIN.

PROFESSOR JESSE.

Latin is taught in the Classical and Literary Courses.

In the Freshman Class it is assumed that the student has gained some knowledge of the inflections of words, and has read at least five books of Cæsar de Bello Gallico, or an equivalent amount of other prose.

FRESHMAN CLASS.

The forms of the language are carefully reviewed, and the prominent facts of the Syntax, as they occur in the daily readings, are explained orally. Some elementary instruction is given in Mythology. The study of Meters is confined to the Hexameter. One exercise (rendering English into Latin, and four recitations a week.

Text-Books: Gildersleeve's Latin Grammar; Gildersleeve's Latin Exercise Book.
Keightley's Mythology.

Authors Read: Ovid; Virgil.

SOPHOMORE CLASS.

In Grammar, the first half-session is given to Forms, the second half-session to Syntax. The History of the Roman people to the time of the Gracchi is studied with the aid of a full set of Keipert's wall maps, and the Geography of the countries that composed the Roman Empire is emphasized by constant practice in Map-drawing. The Course of Study includes the Metres of Catullus.

One exercise (rendering English into Latin) and four recitations a week.

Text-books: Gildersleeve's Latin Grammar; Gildersleeve's Latin Exercise Book:
Leighton's History of Rome.

Authors Read: Cicero's Orations and Philosophical Writings: Catullus.

JUNIOR CLASS.

In Grammar, attention is directed chiefly to Syntax. The History is continued to the year A. D. 476. The Metres of Horace receive thorough treatment. One exercise and four recitations a week.

Text-books: Gildersleeve's Latin Grammar; Gildersleeve's Latin Exercise Book; Leighton's History of Rome.

Authors Read: Horace; Livy.

SENIOR CLASS.

Literary Course: Roman Antiquities; Notes on parts of Latin Syntax. One exercise and four recitations a week.

Text-books: Wilkin's Roman Antiquities.

Authors Read: Tacitus; Juvenal; Plautus, or Terence.

Classical Course: One exercise and two recitations a week.

Authors Read: Quintilian; Justinian.

Every student is expected to provide himself with —
Harper's Latin Dictionary, or Andrews' Lexicon, and also with Ginn & Co's, or Kiepert's Classical Atlas (6th Berlin edition).

GREEK.

PROFESSOR SHARP.

The study of the Forms and Syntax will be thorough, and will be continued until they are well mastered. The history of the people and of the literature, the mythology, and the antiquities will be studied with the best available helps. The course of reading will be comprehensive; and by the method used it is intended to give as great a facility as possible in translating readily into English, and to make the student at the same time familiar with the beauty and strength of the language, and with the wisdom and power of the ancient masterpieces. It is designed, by the study of word formation, and by the constant comparison of the various processes of Greek Grammar and Greek Rhetoric with the corresponding processes in other languages, and by the cultivation of the practice of translating into the nearest equivalent of strong, correct, idiomatic English, to give to the study of Greek a usefulness even beyond its apparent limit.

This language is studied only in the Classical Course.

Text-Books:

COLLEGE.

FRESHMAN CLASS: Goodwin's Grammar; Jones' Exercises in Greek Prose Composition (completed;); Lysias; Herodotus. Smith's History; Kiepert's Classical Atlas (6th Berlin Edition).

SOPHOMORE CLASS: Goodwin's Moods and Tenses; Boise's Exercises in Greek Syntax; Smith's History (completed); Homer; Demosthenes; Lucian; Reading at Sight (Kendrick); Autenrieth's Homeric Dictionary; Liddell & Scott's Lexicon (seventh edition).

JUNIOR CLASS: Jebb's Greek Literature; Mahaffy's Old Greek Life; Schmidt's Rhythmic and Metric (for reference); Thucydides; Euripides; Sophocles; Reading at Sight; Original Exercises.

SENIOR CLASS: Aristophanes; Aeschylus; Plato; Murray's Mythology.

ENGLISH.

PROFESSOR SHARP.

The scientific study of English, stimulating, as it does, original thought, and providing a greater power of comprehension and expression of thought, offers the best, almost the necessary introduction and accompaniment to the work in the other branches of collegiate education. But apart from this, the careful and extended study of English as an end in itself, is of the greatest advantage to the student, whatever may be his aim in life. In practical value our own tongue must, of course, outweigh all others, modern or ancient; and, as a means of mental training, the study of English is perhaps inferior to no other process. Certainly wherever English is spoken, the study of English should occupy a leading place.

In this course, the study of the Literature and the study of the Language are combined. Selections from representative authors, from the 19th century to the time of the Anglo-Saxons, will be read and treated with reference to the two-fold end in view. That is, it is designed:

1. That the student shall learn the extent and richness of the English Literature as a whole, and shall acquire a knowledge of the more important parts in detail. Stress is laid upon the careful reading and correct interpretation of the works taken up, while the place and importance of each as a part of the whole is considered. Annotated texts and notes by the professor will furnish help where it is needed.

2. That, at the same time, the student shall be able to observe, in what he reads, the development of our composite language, and to trace the history of our idioms, and of our words and inflections. The textbooks in philology and the history of the language supplement the course in this application.

The study of language, if divorced from literature, if made the study of words and not of speech, must become dry and lifeless; language may be best studied when performing its one legitimate function, expressing thought. So, too, if we would make our own all that literature offers us,

we must thoroughly acquaint ourselves with the means of expression; hence the propriety of the plan here followed.

FRESHMAN CLASS: Shaw's History of English Literature; Shaw's Specimens of English Literature (taught at present in the History and Rhetoric Course).

SOPHOMORE CLASS: Selections from American and English Literature of the 19th Century; Hales' Longer English Poems; Peile's Philology.

JUNIOR CLASS: Shakespeare (ed. Rolfe); Spencer (ed. Kitchen); Chaucer (eds. Skeat and Morris); Lounsbury's History of the English Language.

SENIOR CLASS: Skeat's Anglo-Saxon Primer, and Reader; other selections from the Anglo-Saxon Literature; Skeat's Specimens of Early English, Part II.

BOOKS OF REFERENCE: Skeat's Etymological Dictionary; Harrison & Baskervill's Anglo-Saxon Dictionary; Browne's Notes on Shakespeare's Versification; Earle's Philology of the English Tongue.

ENGLISH HISTORY AND RHETORIC.

PROFESSOR FICKLEN.

In this department students are trained in the use of language. Beginning with a practical work on Rhetoric, the course rises, in the higher classes, to the consideration of the characteristics of style. The great critics will be studied, and their principles compared, with constant reference to the best authors.

In the Junior Class, English History will be taught, and the students will be required to examine the treatment, by different authors, of various epochs. Some training in Forensics, also, will be given in the Senior Class. The speeches of the great orators will be read and compared.

It is hoped that this course will prove very useful in aiding students to form an accurate and elegant style. In the higher classes Essays requiring some research will contribute to the development of any vein of originality that a student may possess.

The text-books are:

FRESHMAN: A. S. Hill's Rhetoric; Herbert Spencer's Philosophy of Style: DeQuincy's Essay on Style.

SOPHOMORE: A. Bain's Rhetoric, II Part; Notes on Higher Syntax by the Professor: Dr. Campbell's Philosophy of Rhetoric.

JUNIOR: Green's Short History of English People; Justin McCarthy's History of Our Own Times. For reference: Hume, Froude, Freeman, Macaulay.

SENIOR: Minto's Manual of English Prose (designed to show characteristics of Style); Goodrich's British Eloquence.

GERMAN.

PROFESSOR DEILER.

In the College there are two different Courses of German. In the *Literary* Course German begins in the Freshman-year and is continued for three years.

LITERARY COURSE.

FRESHMAN CLASS: German Grammar, Conversation, Narrative Prose.

SOPHOMORE CLASS: Finish Grammar, Selections from various authors, German Composition, Conversation, Geography and History of the German Empire.

JUNIOR CLASS: Review of Grammar, History of German Literature, Conversation, Composition, Lectures on and selections from the principal authors of the different periods, Nibelungenlied, Gudrun, Parcival, Walther von der Vogelweide, Tell, Hermann and Dorothea, Minna von Barnhelm, Faust.

Nothing but German is spoken in this class and every effort is bent towards giving the student the ability to express himself in German in *speaking* as well as in *writing*.

There is also a two years Course of German in the College, which extends over the Junior and Senior years. This course is obligatory for all students except those of the Literary Course and those of the Commercial and Mechanical Courses who took the three years German Course of the High School. In this two years course the student will master the principles of Grammar, acquire by reading a fair vocabulary, and be able to understand the *written* and *printed* language accurately and readily.

FIRST YEAR—(German Principia, I Part,) Political History and Geography of the German Empire.

SECOND YEAR—(German Principia, II Part,) Gostwick and Harrison's History of German Literature, Selected plays of Schiller, Lessing and Goethe.

The selections read in the Senior classes of all the courses will be changed from year to year.

FRENCH.

PROFESSOR FORTIER.

In a city like New Orleans, where so many persons speak French, and where we meet at every step with the souvenirs of the early colonists, the French language must be taught, as far as possible, like a mother tongue. French is not a foreign language in Louisiana, and the way of teaching it must vary from that of the other colleges in the United States. The course must be theoretical and scientific, but above all, literary and practical. Our graduates must know thoroughly the geography, history and literature of France, and must be able to speak the language to those whom they meet in their daily pursuits, and many of whom, in the country parishes, speak very little English.

In the High School, French is optional with German, in the Mechanical and Commercial Courses, and begins in the Preparatory Class. It is continued through the three years of the High School.

If German is chosen instead of French, the latter is taken in the Junior and Senior Classes of the College.

In the Classical, Natural Science, and Mathematical Courses, the instruction in French begins in the Freshman Class, and ceases after the second, or Sophomore year. In the Literary Course, the instruction extends a year longer, and is then entirely scientific and literary. Brunot's historical grammar is taught, and the professor lectures on French literature, defining clearly to the students the different epochs in literature, such as Old French, Middle French, and Modern French.

By referring to the following course, the method of instruction can be readily understood:

In the Freshman year, the pupil learns the grammar of the language and the history of France, has his ear accustomed to the French sounds, and can read perfectly any light work, such as a tale or a comedy. He is thus prepared for the Sophomore Class, in which, in his French studies, he abandons completely all books written in English, and studies the best works used in the schools in France. The reading consists of modern dramas and tales, and at the end of the year, one or two classical tragedies or comedies are introduced to prepare the student for the course in literature of the third year, or Junior class. In the Sophomore Class, three hours a week are devoted to French, and in the Junior Class four hours, so that the students, who have heard nothing spoken in class but French for two sessions, have learned how to speak the language and how to write it.

For candidates for the degree of Master of Arts, a class in French will be established for a critical study of the oldest texts in old French, and with lectures on comparative philology of Romance languages.

Students from the country and neighboring States may obtain board in French families where French is correctly spoken, and the Faculty will aid them in making such arrangements.

FRESHMAN CLASS (Classical, Literary, Natural Science, and Mathematical Courses):

Whitney's Practical French Grammar; Yonge's History of France; Crane and Brun: "Tableaux de la Révolution Française;" H. de Bornier: "La Fille de Roland;" F. Coppée: "Le Luthier de Crémone."

Two exercises and four recitations a week.

SOPHOMORE CLASS: Larive et Fleury: "Troisième Année de Grammaire;" Gasc's Translator; Saintsbury's Primer of French Literature; Corneille: "Polyeucte;" Racine: "Phèdre;" Molière: "Le Misanthrope;" Boileau: "L'Art Poétique;" Dictation.

Two exercises and three recitations a week.

JUNIOR CLASS: Littérature Française de Bougeault; Brunot: "Grammaire Historique de la Langue Française;" T. F. Crane: "Le Romantisme Français;" Darmesteter et Hatfeld: "Morceaux Choisis des Ecrivains du XVIIe Siècle;"

Dictation.

One original exercise and four recitations a week.

Dictionaries: Spiers and Surenné's, or Masson's.

MATHEMATICS.

PROFESSOR CROSS.

To enter the Freshman Class, a knowledge of Algebra and Plane Geometry is required. This class will assemble five times a week for recitation. A rapid review of the Algebra, and the study of Solid Geometry will be the work of the first term. Plane and Spherical Trigonometry-Surveying and Leveling, and Navigation will be studied during the second term of the session.

Students in the Sophomore Class will have six recitations a week. They will study Conic Sections, and Analytical Geometry of Three Dimensions, the first term. This completes the Mathematics for students in the Classical and Literary Courses. Those in the Mathematical, Scientific and Mechanical Courses will take Differential and Integral Calculus during the second term.

The Junior Class in the Mathematical, Scientific and Mechanical Courses will study Descriptive Geometry, Shades and Shadows, and Linear Perspectives. This class will attend lecture three times a week.

The end kept always in view is to impress the principles of mathematical truth clearly and deeply on the mind, by careful explanations, by daily examinations, and by a constant application of these principles by the students themselves to numerous examples taken from the text-books and from other sources.

Text-books:

FRESHMAN CLASS: Wentworth's Plane and Solid Geometry; Wentworth's Complete Algebra; Loomis' Trigonometry and Logarithms (Revised Ed., 1886).

SOPHOMORE CLASS: Loomis' Analytical Geometry; Clark's Differential and Integral Calculus.

JUNIOR CLASS: Church's Shades and Shadows; Lectures.

APPLIED MATHEMATICS.

PROFESSOR CAJÖRI.

Applied Mechanics is taught in the Mechanical Course during the Senior year. In the Junior year, the students complete their courses in Pure Mathematics and Analytical Mechanics; so that, in the Senior year, they are well prepared to pursue with advantage the study of Applied Mechanics. The aim is to give students a general and practical knowledge of the mechanics of structures and machines. The leading topics considered are the various kinds of frames, the straining action on loaded beams, the geometry of gearing, the dynamics of the steam-engine and

other motors, frictional resistances, stiffness and strength of materials, etc. The text book is: COTTERILL's *Applied Mechanics*.

PHYSICS.

PROFESSOR AYRES.

The instruction in Physics begins in the Sophomore year, when some time is given to it by the students in all the courses. There are two classes in this year, one for the students in the Classical and Literary courses and one for those in the Mathematical, Natural Science, Mechanical and Commercial courses. In the first class, which meets six times a week for a half year, the subject is as well developed as the time will allow, the object being to give that general knowledge of the subject that every educated man should possess. In the second class, which meets six times a week for the whole year, the subject is more thoroughly and exhaustively studied. The members of this class take, in addition to the regular class-room work, two hours a week for practice in solution of physical problems, exact study of units and laboratory work of a simple character.

The class room instruction consists of fully illustrated experimental lectures, recitations on the lecture notes and on the text, and the solution of numerous practical problems. A full presentation is given of the applications of physical principles that are now so important in the arts. The steam engine, the telegraph, the telephone, the electric light, the theory and use of the sugar polariscope, all receive due attention. The apparatus at command for the illustration of this course is very full and perfect. Every needed appliance is at hand for the projection of diagrams, pictures, experiments, microscopic objects, etc., either by sunlight or by the lantern, and extensive use is made of this very satisfactory method of class demonstration. The scientific students are very thoroughly drilled on the application of the simpler mathematics to the solution of physical problems, and the laboratory work pursued by them is, to some extent, a repetition by the students of experiments previously performed in the lecture room, but includes also the determination of simpler physical constants, such as densities, specific heats, vibration numbers, refractive indices, electrical resistances, etc.

In the Junior year, the students in the Mathematical and Mechanical Courses have a lecture room course three times a week throughout the year in Analytical Mechanics and the theory of Heat, and together with those

in the Natural Science Course, have six hours a week of the laboratory work. The laboratory work for the Mathematical students (who continue this work in the Senior year) consists mainly of the practical study of the subjects whose theory has been studied in the lecture room. This implies the exact study of fundamental units, comparison of units, precise weighings, determinations of density, the establishment of the laws of elasticity, capillarity, attractions, and radiant heat, barometric readings and reductions, standardizing and calibration of thermometers, determinations of specific and latent heats, vapor densities, expansions, etc. The laboratory work for the Natural Science and Mechanical students is the same in kind as the above, but is not so exhaustive, and includes in addition some work in optics, acoustics, electricity and magnetism.

In the Senior year, the Mathematical students have a lecture room course three times a week throughout the year in the elementary mathematical theory of light and of electricity and magnetism. They also have laboratory practice for six hours a week in optical, electrical and magnetic measurement, following the lecture room course as in the Junior year. They determine refractive indices, angles of crystals, wave lengths focal lengths and radii of curvature of lenses and mirrors, and establish the laws of the interference and diffraction of light. They study spectrum analysis, and map prismatic and diffraction spectra, learn the use of the microscope and study with some degree of thoroughness the subject of polarized light. In electricity and magnetism, they determine galvanometer constants, measure resistances of conductors and batteries, electromotive forces and potentials, capacities, insulation resistances, magnetic declination and intensity.

The text-books are:

SOPHOMORE CLASS: Literary Section — Balfour Stewart's Elementary Physics;
Scientific Section — Daniell's Principles of Physics; Dana's
Elementary Mechanics; Stewart & Gee's
Practical Physics, Vol. I.

JUNIOR CLASS: Wood's Analytical Mechanics; Balfour Stewart's Heat; Stewart & Gee's Practical Physics, Vols. I, II, and III.

SENIOR CLASS: Cumming's Theory of Electricity; Glazebrook's Physical Optics;
Stewart & Gee's Practical Physics, Vols. II and III.

PHYSICAL APPARATUS.

The instrumental equipment of the Department of Physics is very good, and in several directions is quite full and excellent. The instruments are of the most approved forms, and are from the best makers of this country and Europe.

The apparatus is principally from the following celebrated makers: Ritchie, Queen, Green and Becker in this country; Browning, Patterson and Cooper, and Elliott Brothers, London; Duboscq, Hoffman, Carpentier, DeMeritens, and Breguet, Paris; Edelman, Munich; Rueprecht, Vienna; Société G  n  voise, Geneva. It is selected with special reference to accurate measurements. A classified list of the more important instruments was published in the catalogue for the last session, where it can be consulted by those interested.

ASTRONOMY.

PROFESSOR AYRES.

For the present, the Course of Astronomy consist of two recitations a week for a half year, with occasional meetings at night for observation. It is required of all students in the Junior Class.

Text-book: Newcomb and Holden's Astronomy (Briefer course).

CHEMISTRY.

PROFESSOR CALDWELL.

This subject is taken up in the Junior year, where four hours a week are given to it by all the students. The whole subject of Inorganic and Organic Chemistry is here covered with as much completeness as the time will allow. The lectures are very fully illustrated by experiments, and problems on the cost of manufacture and the quantitative relations of products to the materials from which they are made, form a radical feature of the course. Special attention is directed to the relations of chemistry to the industries of the country. The reduction of ores, the processes of dyeing and bleaching, the manufacture of iron and steel, of porcelain and pottery, of explosives, of soaps, and of starch and glucose are all noticed incidentally. The chemistry of sugar-making receives special attention, as well as that of foods and vegetation in general. The students of the Natural Science Course have, in addition to this class, six hours a week, and those of the Commercial Course four hours a week throughout the year of laboratory practice. They repeat in the laboratory a selected number of the lecture experiments, prepare a series of the salts of the metals, and thus become familiar with the ordinary mechanical operations of the laboratory. They also gain some insight, during the year, into qualitative and blow-pipe analysis.

In the Senior class, the students of the Natural Science Course have nine hours a week of laboratory practice throughout the year, and the students of the Mathematical and Mechanical Courses six hours. The Mathematical and Mechanical students pursue a course intended to give them an insight into chemical methods rather, than to make of them expert chemists. They have some practice in Quantitative Analysis in addition to a brief course similar to that pursued by the Natural Science students in the Junior. The Natural Science students complete the subject of Qualitative Analysis, and pursue a course of Quantitative Gravimetric and Volumetric Analysis, and have some practice in Organic Analysis. Those who so desire may give some attention to sugar testing and analysis, by both polariscopic and chemical methods. It is proposed to devote some time in this connection, to the subjects of Crystallography and Mineral Analysis, thus making the Chemical Laboratory complementary to the study of Mineralogy.

Text-books: Wurtz's Elements of Chemistry; Jones' Practical Chemistry; Thorp's Quantitative Analysis.

For reference: Fresenius' Qual. and Quant. Analysis; Sutton's Volumetric Analysis; Tucker's Sugar Analysis.

CHEMICAL APPARATUS.

The apparatus for chemistry, while not yet as complete as that for physics, is good and efficient for purposes of instruction. The temporary laboratory now in use will accommodate about twenty students working simultaneously. Besides a good outfit of lecture apparatus, there is a large collection of graduated vessels, burettes, eudiometers, etc., for analytical work, two fine balances of Becker Bros., of New York, a good collection of Scheibler's apparatus for analyses incidental to the study of sugar, combustion furnace and fixtures.

GEOLOGY AND MINERALOGY.

PROFESSOR CALDWELL.

This department of the Natural Sciences will occupy the attention of the Junior Class for two hours a week throughout the entire year. The course will be conducted by text-book, lectures and illustrations, and when possible, practical field work. It will be the aim of the Professor to impress the facts and principles involved in Dynamical Geology—to make real to the mind the theory of the Earth's gradual passage from one stage of its history to another, by the agency of forces such as ear

now seen to be operating in the world around, to study the Earth's Structural character and relations, and to show how, from these, a historical view may be obtained of this developing globe; to consider organic life, as it is expressed in the fossils of the various strata, and to discover, if possible, the connection between the successive fauna and flora; also to indicate the practical value and results of the science. The important subjects of Mineralogy and Lithology will receive as much attention as time will allow. All the divisions of the course will be fully illustrated by the use of the collections of the Museum of this Institution.

TEXT-BOOKS: Le Conte's Elements of Geology; Dana's Mineralogy and Lithology.

For reference: Dana's & Geikie's Geology; Brush's Determinative Mineralogy.

BIOLOGY.

PROFESSOR ORDWAY.

Biology, including botany and zoology, is taught by lectures, topical readings, and laboratory exercises. As far as possible the living organisms are made the direct objects of study. Starting, according to the natural method, with objects within reach and easily examined, phanerogamic botany is taken up first, attention being given to external forms and morphological relations. Systems of classifications are then studied with less reference to determining names than to giving a familiarity with natural affinities and a facility in locating species, which will be referred to in subsequent investigations. In the next place, the anatomical structure of organs and tissues is observed with the aid of the microscope, and much time is devoted to the examination of the lower forms of life. Cryptogamic botany and invertebrate zoology prepare the way for the consideration of the progressive development,—rather than the blind evolution,—of organic beings. The various organic functions, assimilation, secretion, growth, reproduction, circulation, respiration, sensation, reflex action, and voluntary motion are taken up later on, after the pupils have received the necessary preparation by learning the principles of chemistry and physics.

In proportion to the extent and interest of the subject, the time which can be devoted to it in any of the courses is necessarily much restricted and the aim must be not to instil a great amount of knowledge, but to train the pupil's power of observation and to teach him how to use the various laboratory appliances and to study and investigate for himself.

The laboratory is furnished with a variety of microscopes and accessory apparatus, and a very full biological library is at hand for reference. The very short duration of winter in lower Louisiana renders it possible to obtain material for study, at all times.

MECHANICAL WORK.

In the Mathematical, Natural Science, and Mechanical Courses the shop work of the High School is continued through the Freshman year. This advanced work includes forging, filing, iron turning, and foundry practice.

Those who have not already had the manual training of the High School will have opportunity to go through a course in wood-working before proceeding to the more difficult work in iron. Practice with the various hand and machine tools will be found of especial advantage to those who are preparing for the engineering professions.

DRAWING.

PROFESSOR WOODWARD.

Drawing is continued in the College except in the Classical and Literary Courses. To students of the Mathematical and Mechanical Courses, mechanical drawing and design are of great practical as well as disciplinary value. In the Natural Science Course pupils are expected to practice drawing in connection with the work of the Biological laboratory, as it is of great service in training the mind to nicety in observation. The advanced work in drawing will be varied to meet the special needs of the student.

TULANE UNIVERSITY.

If the student in a college should feel and act as one under authority, the graduate of the College who enters on a university career should recognize that he is called to a higher culture, which does not simply permit, but demands, liberty of choice, the exercise of independent thought, an earnest attempt at original investigation and individual conviction. Herein he must receive the inspiration of the scientific spirit and pursue his studies by the scientific method, under the guidance, but not under the authority, of a professor.

Helmholtz says, speaking of academic freedom in German universities: "The majority of the students — who are, as it were, the representatives of the general opinion — must come to us with a sufficiently logically trained judgment, with a sufficient habit of mental exertion, with a tact sufficiently developed on the best models, to be able to discriminate truth from the babbling appearance of truth. * * * Thus prepared, they have hitherto been sent to us by the Gymnasiums. It would be very dangerous for the universities if large numbers of students frequented them who were less developed in the above respects. * * * It must not be looked upon as pedantry, or arrogance, if the universities are scrupulous in the admission of students of a different style of education."

Acting on this view, we differentiate sharply between the work of the College and the work of the University. We leave to the College the disciplinary work of education to be pursued by collegiate or gymnastic methods. We reserve for the University that higher culture pursued in the scientific spirit, which is the true University work. If few, yet our University students must be real, not mere College students with higher titles.

We admit to our University, as candidates for degrees, the graduates of our own and other colleges with fairly equivalent requirements, and such other persons as shall pass a satisfactory examination on branches of knowledge and studies fully equivalent. University students may select their studies with the approval of the President, and when these have been pursued for two years to the satisfaction of the President and

Faculty they will, after a satisfactory examination and written thesis, approved by the President and Faculty, receive the Degree of Master of Arts. The Degree of Doctor of Philosophy will be conferred for further and eminent attainments in special branches of knowledge, after two years of study under the direction of the Faculty.

Such is the plan adopted for academic education in the different departments of Tulane University for its work in philosophy and the arts. Its failure would, to some extent, be its own condemnation. Its success will be the best proof of its adaptation to surrounding conditions. We are willing to abide by this test.

GENERAL INFORMATION.

ADMISSION.

Applicants for admission to the Freshman Class of the College are required to stand an examination upon the branches taught in the High School, or in other institutions of equal grade.

Applicants for admission to any advanced class or special course of the College, or to the University, will be examined on a fair equivalent of the studies previously completed by the class or course.

It is of great importance that all students shall enter promptly at the beginning of the session. A delay of a few days may affect injuriously the progress and standing of the student for the session,

DEGREES AND DIPLOMAS.

COLLEGE.—Students satisfactorily completing any course in the College will receive the degree of BACHELOR OF ARTS in that course, and students of extraordinary merit will have added to this, "with distinction."

UNIVERSITY.—Graduates of Tulane College and other accepted candidates who shall pursue an approved course of study for two years, pass a satisfactory examination, and present a written thesis acceptable to the President and Faculty, will receive the degree of MASTER OF ARTS.

The degree of DOCTOR OF PHILOSOPHY will be given for a further prescribed or approved course of study in Tulane University, pursued for two years, under like conditions, and with such excellence and superior attainments as to warrant it, which are ascertained by resident study under professorial direction, rigid examination and a satisfactory thesis.

Students pursuing special courses will not be entitled to diplomas or degrees.

MEDALS.

The interest of a donation by Mr. Glendy Burke, of New Orleans, is given each year in three gold medals, which are awarded publicly to the best elocutionist, the best mathematician and the author of the best English essay.

The proceeds of a like donation by Mr. Judah Touro are given each year in three gold medals, publicly awarded, to the best Latinist, the best Grecian, and the student most thorough in Ancient History.

The interest on certain funds donated by Mr. Louis Bush, of New Orleans, is expended for a gold medal, which is awarded for the best essay in French.

No medal is awarded except when marked excellence is exhibited in the subject of competition.

The award of medals for the session closed June 23d, 1887, was as follows:

GLENDY BURKE MEDAL FOR ELOCUTION,..... TO PURNELL M. MILNER.

GLENDY BURKE MEDAL FOR ENGLISH ESSAY, TO WM. GREER ARMSTRONG.

LOUIS BUSH MEDAL, FOR FRENCH ESSAY,.... TO ARMAND GEORGE ROMAIN.

JUDAH TOURO MEDAL, FOR GREEK,..... TO WILLIAM CHARLES MCLEOD.

SCHOLARSHIPS.

The University grants about one hundred and fifty free scholarships in the Collegiate and High School Departments, which are filled by nomination of State Senators and Representatives and by the Mayor of New Orleans.

The Administrators, in accordance with the terms of the act establishing the University, have adopted the following rules in regard to candidates for the scholarships to be filled:

First. As provided in said act, there shall be one such scholarship for each Senator and each Representative in the State, and it shall confer the privilege of free tuition.

Second. Whenever a vacancy exists in the scholarship, it may be filled by the then sitting member for that district, provided, however, that the vacancy must be filled before the expiration of his term, otherwise his successor shall make the nomination.

Third. The candidate must be a *bona fide* resident of the district or Parish from which he is appointed; that is, his parents or guardian shall be domiciled in the said parish or district.

Fourth. He must be a white male youth, twelve years of age, to enter the High School, or fifteen years of age to enter the College.

Fifth. He may enter any regular class for which he is found prepared, after satisfactory examination by a committee appointed for that purpose by the President of the University. No candidate will be accepted or allowed to matriculate, who is not at least qualified to enter the High School of the University.

Sixth. His application for admission to the University must be in writing, stating the name and post-office address of his parents or guardian; the date of his birth; and, if his parents do not reside in New Orleans the name of a responsible citizen resident here, who will act as his guardian.

Seventh. Accompanying his letter of application he must present his credentials. His nomination shall be made out in the following terms:

" I, A. B. for the
State of Louisiana, hereby nominate
son of and to fill the
vacancy in the scholarship in the Tulane University of Louisiana, accorded
me as from this

" The said is a male white youth,
twelve years of age, of good moral character and a *bona fide* resident of
the said

(Signed)
..... from

Eighth. In order to identify the signature to such appointment of the Senator or Representative making it, his signature must be acknowledged by him before some competent State official.

Ninth. Before matriculation, the said scholar must sign a promise to obey, in good faith, the laws of the State and of the University, and to conduct himself as a good student and as a gentleman. He will then matriculate and will be furnished with a certificate thereof, will be enrolled on the books of the University, and considered a member of the Academical Corps, and subject to its regulations, until graduation, resignation, death, dismissal or expulsion. The President shall then assign him to such class or classes as his examination shows him competent to enter.

The number of free scholarships during the past session has been:

In the High School.....	62
In the College.....	19
Law Class.....	3

Total..... 84

Additional appointments have been made, to take effect from the beginning of next session.

By a resolution, also, of the Administrators of the University, the following privileges have been accorded:

1. A free scholarship in Tulane College will be awarded next June to that student of the Sub-Freshman Class who shall be selected by the Tulane High School Faculty as most distinguished for scholarship, deportment and punctuality.

2. In order to testify to the importance and usefulness of the Boy's High School of the Public Schools of the City of New Orleans, the same privilege is accorded to it: the student to be selected by the Faculty of that school for general excellence, under conditions to be prescribed by said Faculty.

3. Cheerfully recognizing the valuable work done by large private schools in our community, the Board has authorized the President to name two such schools in the city of New Orleans, to which shall be accorded the like privilege of nominating a student for a free scholarship in Tulane College or Tulane High School next June; the said student to be selected by the Principal of such school for distinguished merit.

The President has named the schools conducted by the following gentlemen:

Mr. A. S. Leche. Mr. T. W. Dyer.

DISCIPLINE.

Tulane University is, in tone, Christian, but not sectarian. This is the spirit it strives to inculcate. The discipline of the institution is mild, but firm. The students are presumed to be gentlemen, and a high standard of honor and truthfulness is inculcated and maintained. When a student is found deficient in either, or is so delinquent in industry or punctuality as to offer a bad example to his comrades, his parents are respectfully notified to withdraw him. Habitual immorality, or any gross breach of discipline, is visited with suspension, dismissal or expulsion, according to the circumstances.

In order to avail itself of the full benefit of parental aid and control in securing good conduct and punctuality, the University advises parents *immediately* of all cases of bad conduct, absence or tardiness by their sons. Monthly reports of class standing, progress and conduct are also sent: and also, at the end of each half session, a circular summarizing those facts, together with the results of his examinations.

Students in the High School are under the supervision of a Professor during school hours.

College students, whose parents do not reside in the city, are required to have a guardian, who stands in the place of a parent, and to whom reports are made.

University students will be allowed the fullest freedom consistent with good order.

At the beginning of this collegiate year the following arrangements were made for the good government of the students, and having been duly accepted by all the College students no other discipline has since been found necessary.

ORGANIZATION AND RULES FOR THE DISCIPLINE OF TULANE COLLEGE,

TULANE UNIVERSITY OF LA. }
NEW ORLEANS, NOV. 16th, 1885. }

The regularly matriculated students in Tulane College shall constitute its Academic Corps.

For the good government of the Academic Corps, the Freshman, Sophomore and Junior Classes shall each elect quarterly, and the Senior Class annually, a President, Vice-President and Secretary, whose duty it shall be to preserve order in its study rooms, and to enforce the discipline of the University in the class. In case of persistent violation of order or breaches of discipline, the Class President shall present the case to the Board of Directors of the Academic Corps, who, when necessary or advisable, shall present the facts to the Faculty for action.

The Board of Directors shall consist of the Senior President, who shall be *ex-officio* President, the Junior President, who shall be *ex-officio* Vice-president, and the Sophomore and Freshman Presidents, who shall be *ex-officio* Secretaries, and of eight members, who shall consist of the Vice-presidents and Secretaries of the four classes.

The Board of Directors shall have cognizance of all cases brought before them by the Class officers; and also of all matters touching the

general discipline and welfare of the Academic Corps. They shall constitute a Court of Honor, to which shall be referred all quarrels not otherwise adjusted, and their decisions shall be obligatory upon the parties, unless reversed by the Faculty; but an appeal shall be allowed to the Faculty in all cases, and its decisions shall be final.

Students who shall make the following written pledge, shall be entitled to the privileges of the University:

"I hereby promise that during the time intervening from leaving home in the morning until my return thither, I will not enter any place where liquor or lottery tickets are sold, nor any place of amusement without permission, nor any improper place of any sort; and I will observe the rules and regulations for discipline and good order, and conduct myself honorably and decorously, and will do nothing to bring my own good name or that of the University into disrepute."

College students who have given the above pledge, shall be entitled to the following privileges, to-wit: to the freedom of the College precincts; to enter the library at pleasure, and during the hour of intermission from noon till one o'clock to go beyond College precincts for exercise, and to go home as soon as their lectures and recitations for the day are finished.

The proper place of study for students is in their respective class study rooms.

Students declining to take the above pledge will be required to remain in their class study rooms, when not in class, from 9, A. M. to 4, P. M.

In the foregoing pledge, smoking in College precincts, and any games therein, will be considered breaches of discipline and good conduct.

BOARD AND LODGING.

Students can obtain board and lodging at from \$20 to \$25 per month in approved boarding houses or private families. The University authorities pay particular attention to placing them, according to the wishes of their families, under such religious or social influences as may be indicated. Special arrangements are made, through leading gentlemen, with Roman Catholic, Protestant and Jewish families of culture, and of American, French, German or Spanish nationality, to receive our students as boarders. They thus have the direct religious and social influences desired, and the opportunity to obtain a familiar knowledge of any modern language in which they especially wish practice.

EXPENSES.

The tuition fee for a session of nine months is \$50, payable in installments of \$12.50 at the beginning of each quarter-session. Bills are presented, therefore, and must be promptly paid, on October 10th, December 8th, February 16th, and April 19th.

No deduction is made when a student enters after the beginning, or leaves before the close of a quarter-session.

The charge of fifty dollars per annum is uniform for students of the High School, College and Law Departments.

In the Law Department the annual charge of \$50 is paid at matriculation.

Candidates for the degree of Doctor of Philosophy are exempt from tuition fees.

Students furnish their own books, drawing instruments and drawing utensils, and are required to pay the cost of the apparatus which may be broken or damaged by them in the laboratories or about the University property.

The cost of books averages about \$10 per year.

There are no extra charges.

DAILY SESSION.

The daily session begins at 9, A. M., and ends at 4, P. M., with an hour's intermission from 12, M. to 1, P. M.

LOCATION.

The buildings, which are large and commodious, are situated in the centre of the city, on Baronne and Dryades streets, and Tulane Avenue. Two are occupied by the Academical Department and its adjunct High School, one by the Medical Department, and one by the Law Department and State Library. The building formerly known as the Mechanics' Institute, gives ample space for the rapidly growing needs of the University. The Medical Department has the use of the great Charity Hospital for practical instruction in Clinical Medicine and Surgery. The building formerly known as Turners' Hall, purchased for the Manual Training

School, is conveniently located on the corner of Lafayette and Dryades streets, and is well adapted to the wants of this branch of instruction.

The wisdom of founding seats of learning in centres of population is beyond dispute. The fact that the chief universities and colleges of England are located, for the most part, in small towns is adduced by Matthew Arnold as the chief reason why so few students in that country, in proportion to the large population, come under higher instruction. And he advocates, as the first step to be taken in educational reform, the establishment of new institutions for higher instruction in the centres of population of England. A movement is now going on for the establishment of a Teaching University in London. The Tulane University of Louisiana is located here, at the doors of nearly 250,000 people—almost the third of the population of the State; and the rapid increase in the railroad and other transportation facilities to New Orleans is making it every day more and more accessible from all quarters.

Notwithstanding the occasional outbreaks of yellow fever, New Orleans is, perhaps, the healthiest city of its size in the United States. Epidemics visit it only at intervals of years,* and prevail only in the summer vacations, and, possibly, in the month of October. They do not interfere, therefore, with the practical working of the University.

ATTENDANCE.

During the session 1886-7 there were in the different departments of the University the following number of students:

High School.....	248
University and College	82
Law Department.....	46
Medical Department.....	239
Drawing Classes (Free).....	839
Total.....	1454

*The following extract from the special catalogue of the Medical Department of the University is of interest in this connection:

"The ungenerous attempt to prejudice students against coming to New Orleans by the publication of unfavorable statements concerning the health of the city, is unworthy of notice, except to inform any who may be ignorant of the fact that only two epidemics of yellow fever have occurred here in twenty-seven years. During the forty-four years of the existence of the institution, no student has died from this cause during the lecture term. Indeed, we think it may be shown that the mortality among the students of the University, from all causes combined, is less than that in any other Medical College in the United States. In proof of this, we take great pleasure in referring to the fact that only a single death has taken place during the term, since 1872."

LIBRARIES.

The State Library, containing 26,000 volumes, is deposited in the Law Building, corner of Common and Dryades streets, and is open daily from 9. A. M., to 3, P. M., and from 4 to 6, P. M.

Students have the use of books free of charge. This Library includes a very valuable collection of Foreign and American Law Books and Law Reports, and of historical and documentary works.

The Fisk Library contains about 8000 volumes, and is increased yearly at the rate of about 500 volumes. It contains the best standard works and current literature, including all the leading literary periodicals. The Reading Room of this Library is open to the public from 9, A. M. to 5 P. M., and is largely attended by an intelligent class of readers. Every facility is given to readers for finding the books and information they desire.

The Tulane Library contains valuable scientific and literary publications and is a depository of public documents; constant accessions are made to it through donations and purchase. It already contains about 7,500 volumes, embracing many choice literary and scientific works. The Medical Section of the Library numbers about 3400 volumes. This section of the Library is kept in a separate room, and is open to members of the Medical Profession and other authorized persons.

The Scientific Section includes a donation of about 1200 volumes from the New Orleans Academy of Sciences, and is constantly receiving accessions of valuable scientific publications which are sent by way of exchange to the Academy of Sciences from the leading scientific bodies of the world, or which are purchased by the University. Readers and students in this section have access to the large and very valuable private library of Prof. Ordway. The leading scientific periodicals of this country and of Europe are received.

The Literary Section of the Library contains the best editions of Standard French and English authors, and a fine edition of Teubner's Latin and Greek classics, 240 volumes.

LIBRARY REPORT, JUNE, 1886, TO JUNE, 1887.

The accessions to the University Library during the past year have been as follows:

DONATIONS.			VOLS.
From	Mrs. F. A. Armstrong: Miscellaneous Works.....		16
"	Messrs. A. S. Barnes & Co: ".....		16
"	Mrs. B. Beaumont: ".....		1
"	Mrs. É. M. Boyce: ".....		2
"	M. Buisson: Educational ".....		2
"	Prof. J. V. Calhoun: Miscellaneous ".....		22
"	Dr. S. E. Chaillé: Medical ".....		6
"	Mr. H. H. Crapo: Miscellaneous ".....		1
"	Miss. E. Darcantel: ".....		1
"	Miss. M. Esmond: ".....		10
"	Prof. A. Fortier: ".....		3
"	Mr. H. Ginder: ".....		1
"	Col. Wm. P. Johnston: ".....		2
"	Mrs. J. W. Kearny: ".....		45
"	Mrs. Manzie: ".....		8
"	Mrs. P. J. Mathews: ".....		1
"	Mr. D. C. Milner: ".....		1
"	Mrs. Minton: ".....		15
"	Miss Maria Mitchell: Scientific ".....		2
"	Mrs. Mullen: Miscellaneous ".....		1
"	Miss A. Noris: ".....		3
"	Prof. J. M. Ordway: ".....		1
"	Mrs. G. Pierson: ".....		3
"	Mr. S. D. Pool: ".....		1
"	Mrs. Ida Richardson: ".....		13
"	Mr. F. T. Royer: Magazine		63
"	Mrs. T. L. Shute: Miscellaneous Works.....		17
"	Mr. C. B. Stafford: ".....		2
"	Mrs. L. Strong: ".....		10
"	Mrs. V. S. Taney: Medical ".....		245
"	Mrs. Thornton: Miscellaneous ".....		1
"	Dr. G. B. Underhill: ".....		4
From	M. Romero: Mex. Government Publications.....		9
"	Commissioners of Labor: Labor Reports.....		28
"	U. S. Government: Publications		187
Through	Academy of Sciences:.....		9
Total.....			752
II. By Purchase.....			432
Total Increase.....			1184

FISK LIBRARY.

DONATIONS.

From Mrs. N. Burbank:	Magazines.....	32
" Prof. L. C. Reed:	Miscellaneous Works.....	1
" Mr. Wm. O. Rogers:	" "	2
" Mr. T. L. Wright:	" "	1
" U. S. Government:	Publications.....	2
		<hr/>
Total		38
II. By Purchase.....		380
		<hr/>
Total Increase.....		418
Total increase for all libraries.....		1602 vols.

MUSEUM.

PROFESSOR JOHN W. CALDWELL, A. M., M. D., Curator.

PROFESSOR JOSEPH F. JOOR, M. D., Assistant Curator.

The establishment of a Museum was commenced in July, 1885. Through various concurring circumstances, favoring the undertaking, we have already a very handsome nucleus, which is bound to grow to large dimensions. By the generous gift of Mr. Tulane, we were able to purchase from Mr. Ward, of Rochester, N. Y., three distinct collections, at the price of \$10,000.

These are: 1st—a series of Minerals, containing about 900 specimens, many of them large, handsome and rare; 2d—a large collection of Paleontological specimens, representing the various ages and periods of Geological time, arranged in chronological order; 3d—a series of Zoological forms, illustrating the modern types of life, both vertebrate and invertebrate. These constitute very satisfactory cabinets for the teaching of the different departments of science concerned.

Besides these, we have the entire collection of the New Orleans Academy of Sciences, donated to us in 1885. This includes a series of Louisiana rocks, clays, sands, etc., collected by Professor Hilgard, a number of shells, and over 10,000 botanical specimens. These last are being classified and mounted by Professor Joor, an immense task, now about half finished. A fairly representative collection of the native plants of the State has been put in order, and is receiving almost daily additions.

A great deal of other material has come into our possession, by purchase and donation, especially from the various State and private exhibits at the late Expositions held in New Orleans. These have been grouped in departments, with reference both to scientific order and convenience of examinations.

A very large collection of native woods from the late Exposition is being made into cabinet specimens, both for our museum and for distribution to other institutions.

The following have been donated since the publication of the last catalogue:

- By Dr. Joseph Scott, N. O., Spotted Fish.
- By B. Trist Wood, N. O., Aztec Vase and other Relics.
- By Prof. T. G. Richardson, M. D., N. O., about 50 large water-color drawings (botanical).
- By Prof. F. Cajöri, N. O., Swiss Botanical Specimens.
- By Prof. A. S. Wheeler, N. O., N. Carolina Botanical Specimens.
- By Prof. J. M. Ordway, N. O., Colorado Botanical Specimens.
- By Prof. A. D. Hurt, N. O., Collection of Fungi.
- By Frank Rouse, Algiers, La., Models of Boat Hulls.
- By U. S. Fish Commission, through Smithsonian Institute, about 200 specimens of Invertebrates.
- By Jas. Crawford, N. O., Fan-Coral, and "wing" of Flying-Fish.
- By O. F. Valette, Algiers, La., Boat Models.
- By Mrs. Albert Sidney Johnston, Los Angeles, Cal., Tarantula and Nest.
- By Mrs. Wm. Garig, Baton Rouge, La., Sea-Fan.
- By W. H. Wilder, Map of New Orleans, A. D. 1728.
- By Mrs. J. R. Carroll, "Whistling Jug," from Peru.
- By L. Frigerio, N. O., Large Sea-Fan.
- By Henry Ginder, N. O., 16 cut and polished stones. Topaz, Onyx, Malachite, etc.
- By J. Fonta, N. O., Flower-clusters of Tree Palmetto.
- By Dr. U. R. Milner, N. O., Specimen of Coral.
- By Florian Dow, N. O., Fungus, parasitic on Cicada.
- By Times-Democrat, N. O., Box of Minerals.
- By Miss Bessie Woods, N. O., Cashew Nut and "Hackie."
- By Wm. H. Carey, N. O., Double Pig.
- By Prof. A. Perrilliat, N. O., Blind Fish and Cray Fish, from Mammoth Cave.
- By Col. Wm. Preston Johnston, N. O., Prehistoric Indian Skulls and Relics.

By Rev. D. L. Mitchell, N. O., Horned Frog, Tarantula and Nest,
Plants, Minerals and Fossils from Texas.

By A. D. Parker, N. O., Collection of Birds.

By Mrs. Edmonston, N. Car. Corundum.,

By Prof. H. A. Tatum, Daphne, Ala., Pigment material.

By Hon. Walter Ingalls, N. O., Prehistoric Image from Nicaragua.

By Dr. Underhill, N. O., Lava from Vesuvius.

By P. N. Strong, N. O., New Orleans City Money.

By Chas. M. Whitney (for Palermo Mica Co.), Mica, Quartz,
Beryl, Felspar, Aqua-Marine.

By B. R. Forman, N. O., Sucking Fish.

By John A. O'Neill, Franklin, La., Sun Fish.

By W. S. Campbell, Jr., N. O., Indian Relics and Minerals, from
North Carolina.

By Dr. E. B. Barton, Hornets' Nest,

By Dr. G. W. Newman, Rio Grande City, Texas, Counterfeit
Mexican Dollar.

By James Freret, N. O., very large Bamboo.

By A. C. Brodtman, through J. B. Aikman, Book, torn by cannon
shot, from Confederate steamer McRae; also, curious Woods from Cen-
tral America.

By Pierce Bruns, N. O., curious Parasite.

FREE PUBLIC LECTURES.

Free public lectures on educational, literary and scientific subjects
were given under the auspices of the University during the past, as dur-
ing the preceding session.

The following is the programme of lectures as delivered:

I. The Friday afternoon lectures on Physiology and Hygiene, by
Professor Stanford E. Chaillé, Dean of Medical College, have been con-
tinued during the session, and have been attended by a daily average
of about five hundred teachers and others.

II. Free lectures on Drawing, to large classes, have been given by
Professors William and Ellsworth Woodward, on Saturdays and on four
evenings of the week, during the session.

III. Rev. A. D. Mayo gave a course of five lectures specially pre-
pared for the occasion, on EDUCATION IN THE SOUTH, as follows: 1.
Education in the South before 1860; 2. The New Education of the
Freedmen; 3. Secondary and Higher Education in the South; 4. The

New Common School; 5. Achievements, Needs and Prospects of Education in the South.

IV. A course of two lectures by Professor W. M. Baskerville, of Vanderbilt University, on, 1. Thackeray; 2. Southern Writers.

V. Four illustrated lectures on the Romance of the Crusades, by Rev. Charles Hall Strong, of Savannah, Ga. These lectures were given in Grunewald Hall.

VI. At the request of the Louisiana Dental Society, three lectures were given by Dr. A. G. Friedrichs, on Dentistry and the Teeth.

VII. Professor Alcée Fortier, of Tulane University, gave a course of four lectures in the French language, on French authors: Lamartine, Victor Hugo, Alfred de Vigny, Alfred de Musset.

VIII. Two lectures by Mr. J. R. G. Pitkin, on "The Fools of Shakespeare."

IX. Three illustrated lectures on Virgil, by Professor R. H. Jesse, of Tulane University.

X. Professor J. Hanno Deiler gave three illustrated lectures in German, on German Literature and Mythology.

XI. A course of five lectures by Professor Jno. M. Ordway, of Tulane University, on the Chemical Arts, with special reference to the Industries of New Orleans. 1. Glass, its History, Variety and Uses. 2. Glass; Manufacture of Bottles, Window, Plate and Flint Glass. 3. Pottery, Bricks, Tiles, Terra Cotta and Coarse Earthen Wares. 4. Fine Stone Ware, Porcelain. 5. Lime, Cements, Artificial Stone.

XII. An illustrated lecture on the Early History of New Orleans, by Mr. D. L. Mitchell.

FREE DRAWING CLASSES, SESSION 1886-87.

The total admissions to the Free Drawing Class, for the past session, have been as follows:

CLASSES FOR WOMEN.

Saturday Drawing, Advanced.....	62
" " Elementary.....	91
Annex, No. 1.....	25
" " No. 2.....	20
" " No. 3.....	133
Class of Methods, Elementary.....	62
Decorative Art Class.....	118

Total number of women admitted..... 541

CLASSES FOR MALES.

Free-hand Class, Advanced.....	15
" " Elementary.....	35
Mechanical Class, Advanced.....	9
" " Elementary.....	45
Elementary, Free-hand.....	7
Architectural Class....	17
Preparatory Drawing Class.....	170
	<hr/>
Total number of men.....	298
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Total admissions.....	839

About four hundred students followed the instruction earnestly and reached the required standard. Two hundred and forty-seven of these received certificates graded as "satisfactory," "meritorious," and "distinguished."

The Mechanical Drawing Classes are modeled after those of Boston and Baltimore, which have reached an advanced position in the subject, and are intended to aid those mechanics who are striving to improve in their work by acquiring this necessary language, by which they can develop the idea of the designer from his drawings, or give form to their own ideas for others to perfect. Some practice in free-hand is included in the course.

The Advanced Free-hand Evening Drawing for men and youths, third year, has passed into the study of light and shade in charcoal, has done good work in the study of anatomy, besides completing the study of historic ornament and model drawing. This is the most advanced position reached in free-hand in all the classes, and the enthusiasm shown by its members has led to the organization of a Sketch Club for the study of local scenery. Of the fifteen students who entered this class, ten passed in the final examination.

The Elementary Free-hand Evening Drawing Class for men and youths, second year, deals mostly with free-hand perspective, with some shading, the elements of historic ornament and the proportions of the human head and figure.

The Advanced Mechanical Evening Drawing Class for men and youths, third year, has occupied itself with the study and drawing of cams and toothed gearing of various sorts.

The Elementary Mechanical Evening Class for men and youths pursues mainly the study of solid geometry and the making of working

drawings from wood and iron, details of construction, with the study of helical and other curves and their applications, also projections of shadows.

The Architectural Evening Drawing Class for men and youths took up mechanical perspective as applied to buildings and carried on the study of historic ornament and free-hand perspective.

The Preparatory Evening Drawing Class for men and youths was introduced this session to raise the grade of the work done in the other classes. The work of this class is a combination of mechanical and free-hand drawing, so arranged that the student may elect at the end of the session whether his study for the next year shall be purely free-hand or mechanical. All the above classes have attended six months, two evenings a week.

In the Evening Decorative Art Classes for women, the first year's work has embraced outlining with chalk and charcoal, the elements of design, both in conventional and natural forms of flowers, foliage, etc.

The second year class was divided. One section, having been instructed by Prof. Ordway in the use of tools and wood-working, devoted the remainder of the session to clay modeling and wood carving, in which lines good work has been done. Another section of this class, having elected to follow the study of color, has been practicing with designer's dry colors. Too much praise cannot be given to the students who have devoted two sessions to drawing from the natural flowers and foliage. Some of the drawings of flowers show a fidelity of nature equal to the best.

The Tulane Decorative Art League is an outgrowth of this class. Art pottery, wood-carving, fresco, and art needle-work are a few of the subjects which have been more or less developed. The interest in pottery has taken the form of the New Orleans Art Pottery Company, which has been organized by members of this class. Art needle work has also received attention, and members are prepared to form classes and give instruction in this branch of Art.

The Teacher's Saturday Class of School Methods treats drawing as a branch of common school education, and instruction has aimed at a symmetrical course, to include the most important branches.

The study of form surface and design is carried on by the use of clay modeling, cutting paper, arranging sticks, rings and blocks, followed by practice in the use of scale drawings and flower forms from nature. In the second year the study is enlarged to include the elements of shading, and the test for the class has been the ability to represent the appearance of objects in outline.

The following are the names of the students to whom certificates were awarded at the close of the year's work, May 28, 1887:

SATURDAY DRAWING; ADVANCED.

DISTINGUISHED:

Mrs. C. F. Belden,	Miss L. H. Hincks,
" G. E. Fellows,	" M. C. Spencer,
Miss D. Roman,	" M. Ross,
Mr. C. A. Barnes,	" E. A. Hazard,
Mrs. E. Woodward,	" E. A. Miller,
Miss A. L. Miller,	

MERITORIOUS:

Miss M. H. Washburn,	Miss J. Rees,
" N. Davies,	" A. LeBreton,
" K. Davies,	" L. M. Bouligny,
" H. O. White,	Mrs. F. Xiques,
" E. DeRussy,	Miss E. Gallot,
" M. Bridgins,	" M. W. Johnston,
" I. H. Ferguson,	" M. A. Ames
" J. Seymour,	" F. C. Hedges.

SATURDAY DRAWING; ELEMENTARY.

DISTINGUISHED:

Miss E. Hazard,	Mrs. E. H. McFall,
" M. C. Spencer,	Miss K. Bachman.

MERITORIOUS:

Miss M. Soria,	Miss G. Giesen,
" G. Soria,	" B. Reneau,
" E. M. Bartlett,	" M. McWhane,
Mrs. L. P. Chapman,	" E. E. Fitzimmons,
Miss B. R. VanHorn,	" J. M. Malochee,
Mrs. T. VanHorn,	" J. Cunningham,
Miss G. Vander Weyde,	" O. Cunningham,
Mrs. J. C. Reynolds,	" A. LeBreton,
Miss K. R. Walker,	Mrs. A. Graham,
" E. Villere,	" C. G. Fellows,
Mrs. C. C. Hawthorne,	Miss M. Reinfort,
Miss S. Bres,	" S. DeLacy,
Mrs. J. D. Wardlow,	Mrs. M. Foster.

SATISFACTORY :

Miss O. Oser,	Miss A. Burbank,
“ M. Flotte,	“ M. Walton,
“ L. A. Mitchell.	“ M. Stouse,
Mrs. N. Shepard,	“ J. A. Johnson,
Miss S. Homan,	“ B. Bain,
“ H. Wood,	Mrs. Shortridge,
“ M. E. Burbank,	Miss M. Culbertson,
“ F. D. Witherspoon,	“ E. Lebeuf,
“ L. Drouillard,	“ M. M. Lewis.

SATURDAY DRAWING; ELEMENTARY.

Annex Nos. 1 and 2.

DISTINGUISHED :

Miss Helena Freret,	Miss Viola Stinson,
“ R. Urquhart,	“ Maggie McMillan,
Mrs. Florence Zacharie,	“ Ida A. Marks,
Miss Bertha Bradshaw.	

MERITORIOUS :

Miss E. Todd,	Miss S. M. Seago,
“ Belle Robertson,	Mrs. H. Lawrence,
Mrs. A. V. Backus,	Miss M. Powers.

SATISFACTORY :

Miss Jessie Howard,	Mrs. Clara Barrois,
“ Kate Angell,	Miss E. Mitchell,
“ B. DeRussy.	“ E. P. Brandao,
“ Kate Kelly,	“ Hattie Skinner,
“ Gertrude Ellis.	“ Lizzie Kelly.

SATURDAY DRAWING; ELEMENTARY.

1:30 o'clock.

DISTINGUISHED :

Miss L. R. Leeds,	Miss J. W. Day,
“ T. Hartman,	“ Ula S. Milner,
Mrs. Ellen Hamilton,	“ M. Schuppert.

MERITORIOUS :

Miss J. L. Belden	Mrs. M. K. Wilkinson,
" A. H. Greenwood,	Miss M. Scratchley,
" Lillie Bachman.	" C. H. Johnston,
" K. P. Jourdan,	" Anne Cunningham,
" Bena McDonald,	" Lillian Giffen.

SATISFACTORY :

Miss C. Holliday,	Mrs. M. A. Oser,
" G. Le Sassier,	Miss A. J. Clohecyc,
" M. Brand,	" Johanna Brown,
" Louise M. Odier,	" L. Elliott,
" Fernandez de Trava,	" Fannie A. Wilson,
" Blanche Gallier,	" M. F. Hughes,
Miss Louise Giffen,	

CLASS OF METHODS.

Second Year.

DISTINGUISHED :

Miss F. A. Miller,	Miss A. L. Miller,
Mrs. C. F. Belden,	" F. L. Flemmich,
" Ellen Hamilton,	Mr. C. A. Barnes,
" E. Woodward,	Mrs. R. Sulakowski.

MERITORIOUS :

Mrs. G. E. Fellows,	Miss A. Shean,
Miss R. M. Woodley,	" Clara Forbes,
" C. E. Flemmich,	Mrs. Eliza Clark,
" V. Stinson,	Miss L. S. Howard,
" J. F. Cripps,	" Pauline Marquiz,
Mr. H. Reggio,	" E. Voges.

CLASS OF METHODS.

First Year.

DISTINGUISHED :

Mrs. M. Stamps,	Miss M. A. Hart.
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MERITORIOUS :

Miss Gertie A. Giesen,	Miss J. Hedges.
“ B. Koppel,	“ J. Reed,
“ A. Mitchell,	“ J. Brohn,
“ S. A. Smith,	“ O. Wunderlich,
“ L. A. Hornbach,	“ M. C. Reilly,
“ Eddie Gill,	“ E. Gardenghi,
“ F. Gordon,	“ M. H. Duval,
“ Stella Homan,	“ N. Dehmichen,
“ H. Bettison,	“ E. A. Brophy,
“ M. Aikman,	“ M. Hunter,
“ E. Crofton,	“ L. Thilborger,
“ M. S. Wilson,	“ L. M. Crofton,
“ Maggie Powers,	Mrs. R. Railton,
“ Callie Jones,	“ V. S. Miller.

SATISFACTORY :

Miss A. Stafford,	Miss L. Walls,
“ H. L. Mylotte,	“ R. Smith,
“ Eddie Bentley,	“ B. Myhan,
“ M. Hewit,	“ Mamie Rees,
“ M. C. Hewit,	“ Mary Turner,
“ V. Skardon,	“ A. M. McCaffery,
“ D. Skardon,	“ E. M. Brown,
“ P. Andrews,	“ H. L. Brown,
“ M. Bayhi,	“ Mary Nevin,
“ L. E. Prest,	“ R. Benezech.
Mrs. M. G. Fisher,	“ R. Dever.

ADVANCED FREE-HAND.

MERITORIOUS :

Mr. C. A. Barnes,	Mr. G. McD. Nathan
“ E. L. Dimitry,	“ H. V. Mielly,
“ C. A. Heath,	“ A. Picou.
Mr. H. G. Shaw.	

ELEMENTARY FREE-HAND.

FIRST:

Mr. W. Oser, Mr. G. M. Miller, Mr. W. Roane.

SECOND:

Mr. F. N. Kemp,	Mr. J. C. Gibbs,
" C. E. Dameron,	" W. Langbehn,
" B. Sarrat,	" M. Austin,
" F. J. Matthews,	" J. H. Couterier.
" G. N. Armstrong,	" W. O'Leary.

ADVANCED MECHANICAL.

DISTINGUISHED:

Mr. Chas. Durel,	Mr. John Hemel,
" A. Vidoudes,	" George Koffsky.

MERITORIOUS:

Mr. P. E. Mitchell,	Mr. George Miller,
Mr. William O'Leary.	

ELEMENTARY MECHANICAL.

Second Year.

DISTINGUISHED.

Mr. Henry Z. Perkins,	Mr. W. G. Steward,
" Henry Zander,	" L. V. Wells.

MERITORIOUS:

Mr. William Sanford,	Mr. F. S. Walshe,
" John Tobin,	" P. P. Byerback,
" George Sanford,	" W. B. Foley,
" J. Blank,	" H. F. Hudstedt,
Mr. James T. King.	

PREPARATORY DRAWING CLASS.

Section I.

DISTINGUISHED:

Mr. Chas. A. Moret,	Mr. Henry Zander,
" O. M. George,	" L. Kraft,
" E. O. Martinstein,	" Richard Bruff,
Mr. H. R. Hafkesbring.	

MERITORIOUS:

Mr. H. P. McLean,	Mr. A. Levi,
" R. W. Charlton,	" George F. Seeman,
" S. J. Young,	" W. Stich,
" F. C. Duric,	" Geo. Schmalzrid,
" P. A. Moake,	" G. C. Lathrop,
" C. H. Chapman,	" F. Scherer,
" A. Koehle,	" F. Bozant,

Mr. D. Conquergood.

SATISFACTORY:

Mr. S. H. Holmes,	Mr. F. Lehrman,
" J. P. Phelan,	" C. Gruber,
" A. L. Di Negro,	" L. Reiman,
" M. A. Bulling,	" Walter Morton,
" C. H. Gravois,	" J. F. Heft,
" W. A. Kern,	" G. E. Payne,
" G. M. Ahrions,	" Chas. Schwendon,
" J. Schoenhardt,	" W. J. Holmes,
" W. E. Lathrop,	" J. S. Fuchs,
" H. C. McEnery,	" W. Schalck,
" E. Phister,	" F. A. Giesel.

Mr. W. Sadler.

PREPARATORY DRAWING CLASSES.

Section II.

DISTINGUISHED:

Mr. F. S. Ehren,	Mr. C. F. Doerr,
" F. Limberg,	" C. B. Eggleman,
" John Kracke,	" W. G. Seehaas,
" J. Vuilliet,	" W. E. Hall,

Mr. R. L. Alexander.

MERITORIOUS:

Mr. C. J. Hardy,	Mr. A. A. Marx,
" G. W. Bayhi,	" Henry Voss,
" P. Krauss,	" Fred B. Scott,
" C. J. Garcin,	" E. A. Kalinski.

SATISFACTORY:

Mr. Jos. Hildebrand,	Mr. A. G. Ehrhardt,
" Albert Moses,	" H. Glindmeyer,
" R. Plattsmeir,	" Chas. Frisch,
" Wm. Oakes,	" P. S. Brugère,
" J. V. Ferguson,	" H. Bender,
" Jno. Hildebrand,	" A. Clino,
" Jas. Casey,	" C. Hanover,
" Jno. Murtach,	" W. H. Drury,
" M. Melville,	" H. Pleffer,
" Bernard Casse,	" Jos. A. Oakes,
" R. J. Bell,	" C. H. Riviere.

ARCHITECTURAL DRAWING CLASS.

DISTINGUISHED:

Charles H. Charlton,	Allison Owen.
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MERITORIOUS:

N. T. Wilkinson,	J. O. Hassam,
J. H. Langeman,	Louis Schrieffer,
John Charlton,	B. A. Mullane.

PUPIL TEACHERS CLASS.

DISTINGUISHED:

Ernest L. Dimitry.

MERITORIOUS:

Henry V. Mielly,	Miss D. Roman,
Chas. H. Charlton,	Mrs. Ellen Hamilton.

PRIZES.

For best design for Form of Certificate to be used for Drawing
Classes—

Miss Effie A. Hazard.

HONORABLE MENTION:

Mrs. E. Woodward,	Miss M. A. Pierce,
For Best Examination in First Year Class of Methods,	
Miss M. A. Hart.	

TULANE HOME STUDY AND READING SOCIETY.

The aim of this Society is to encourage the habit of daily, systematic reading or study, and to bring good books within easy reach of the reading public of the South-west. Although other societies,* with kindred purpose and doing excellent work, include among their numbers young people of this section, eager for knowledge, yet it is felt that there is room for another among our people which may attract students who would not join societies having headquarters more distant.

This Society provides for single students and for clubs, and is for the benefit of both sexes; young people who have left school, teachers, mothers, all who by wise economy of time can secure a half hour each day, if no more, for reading. Even a little time devoted daily to self-improvement will amount to much in a few years, while the satisfaction and pleasure which result amply repay the trouble.

Various literary ladies and gentlemen of this city, in co-operation with members of the Faculty of Tulane University, will give advice and assistance, by means of correspondence, to students who join the Society.

RULES.

- (1) Students must be at least sixteen years of age.
- (2) The annual fee of membership is one dollar, to cover postage, etc. Fees must be sent by P. O. money order, registered letter, or postal note, or the risk is with the sender.
- (3) When desirable, a number of students from any town or neighborhood, uniting upon some one course of reading, may organize as a local club, and appoint one of their number to act as secretary, through whom the necessary correspondence will be conducted. Members of clubs will combine home reading with circle reading, and are urgently recommended to meet for the latter purpose once each week.
- (4) Single students may choose any one of the courses offered, special or general. The general courses have been arranged with special reference to clubs, and present a variety of subjects, arranged to enlist a common interest among members of different tastes and ability.
- (5) By means of a loan library, single students will be furnished, when they desire, with the necessary books at one-half cent per day; return postage to be prepaid. Members of clubs pursuing a general course will

* The Society for the Encouragement of Studies at Home, having headquarters in Boston, was the first of its kind in this country, and has now a very large membership.

find it advantageous to purchase the books recommended. Those of which each member will require a copy can be obtained mostly at a very low price; while of those more expensive one copy only will be necessary, and the cost can be divided among the club.

(6) Students will be expected to devote some regular amount of time each day or week to their work. Members of clubs will decide among themselves upon the amount of work for each week.

(7) The term of correspondence will be from October 15 to June 15.

(8) After having selected a course, the student will inform the Secretary of the choice made, and pay the fee; and will then be put in communication with the person under whose direction the course will be pursued and to whom progress will be reported monthly.

Courses are offered in:

English Literature,	Physics,
French “	Physical Geography.
German “	Botany,
History,	Mathematics,
Astronomy,	Political Science.

Also a Series of General Courses.

OFFICERS:

WM. O. ROGERS.....	President.
PROF. R. H. JESSE.....	Vice-president.
MRS. E. W. ORDWAY.....	Secretary and Treasurer.
MISS M. NIVEN.....	Librarian.

HEADS OF DEPARTMENTS.

Political Science.....	WM. PRESTON JOHNSTON.
History.....	PROF. J. R. FICKLEN.
French.....	PROF. ALCEE FORTIER.
English.....	PROF. R. SHARP.
German.....	PROF. J. HANNO DEILER.
Astronomy and Physics.....	PROF. BROWN AYRES.
Physical Geography.....	PROF. JOHN W. CALDWELL.
Botany.....	PROF. J. F. JOOR.
Mathematics.....	PROF. F. CAJORI.

About 90 students have joined during the past year, of whom between 60 and 70 have been working members, the remainder having dropped off early in the course.

Of those who persevered to the end of the year, 15 have, by the faithfulness with which they devoted themselves to their work, attained the rank of "credit," while to 12 others, who have distinguished themselves by greater application, "honor" has been awarded.

The names are as follows :

HONOR STUDENTS:

New Orleans—

Miss Marie Bres,	Miss Agnes K. Rainey,
" Isabel Urquhart,	Mr. H. Z. Perkins,
" Emma B. DeRussy,	Mrs. Frank Gordon,
Mrs. M. A. Forwood.	

Baton Rouge—

Miss Katherine Hill,	Miss Margaret Chamberlain.
Miss Kate Robertson.	

Miss Augusta Dudley, Pass Christian, Miss.

Mr. C. M. Williams, Carrollton, La.

CREDIT STUDENTS:

New Orleans—

Miss J. Chaffe,	Miss Edwige Lebeu,
" Mamie Moake,	" Eleanor Kopman,
" Hattie Rowland,	Mrs. J. Twitchell,
" Isabel Lewes,	" E. J. Bryan,
" M. F. Foley,	Mr. R. A. DeRussy,
Mr. H. V. Arny.	

Miss Isabel Finley, Pass Christian, Miss.

Miss Julia Hyams, Baton Rouge.

Miss Kate Wharton, Fayette. Miss.

Miss Sarah Vairin, Bolivar, Miss.

The work of the Society will be resumed in October.

H. SOPHIE NEWCOMB MEMORIAL COLLEGE.

ANNOUNCEMENT FOR

1887-'88.

The H. Sophie Newcomb Memorial College is founded upon an endowment made by Mrs. Josephine Louise Newcomb, of New York City, the widow of Warren Newcomb, formerly a highly esteemed merchant of New Orleans. Mrs. Newcomb vested this endowment in the administrators of the Tulane Educational Fund, in the full confidence of their ability and fidelity in the administration of so important a trust. Her design is the establishment of an institution for the higher education of white young women and girls, which, while it looks to solid learning, shall yet afford opportunities for practical and industrial studies. The institution is intended to supplement, not to interfere with, the excellent female schools in this city, and is to be Christian, but not sectarian. By act of the administrators it is established as a department of Tulane University.

It is the aim of this College to offer to the young women of Louisiana and the adjoining States a liberal education, similar to that which is now given to young men by the Tulane University, and to young women also by other institutions of the first rank in distant parts of the United States.

The last few years have witnessed an extraordinary impulse in the cause of female education elsewhere; colleges similar to this have sprung up in various localities, and have been filled to overflowing; whilst in our own community the increasing desire that such an enterprise should be undertaken has arisen to an imperative demand.

To meet these educational needs, a system of instruction has been devised, which is believed to be liberal, thorough and specially adapted to the prevailing conditions. The Faculty has been carefully selected for their ability and fitness.

FACULTY.

BRANDT V. B. DIXON, A. M.,
PRESIDENT AND PROFESSOR OF HISTORY AND MENTAL SCIENCE.

MRS. J. C. NIXON,
PROFESSOR OF ENGLISH AND RHETORIC.

FLORIAN CAJÖRI, A. M.,
PROFESSOR OF MATHEMATICS.

GEORGE GESSNER, A. M.,
PROFESSOR OF GREEK AND LATIN.

JOHN M. ORDWAY, A. M.,
PROFESSOR OF BIOLOGY.

MRS. E. W. ORDWAY,
PROFESSOR OF CHEMISTRY AND PHYSICS.

WILLIAM WOODWARD,
PROFESSOR OF OIL PAINTING AND DRAWING FROM LIFE.

ELLSWORTH WOODWARD,
PROFESSOR OF DRAWING FROM ANTIQUE.

(To be Appointed.)
PROFESSOR OF ELEMENTARY DRAWING, DESIGN AND WATER COLORS.

STANFORD E. CHAILLÉ, M. D.,
PROFESSOR OF PHYSIOLOGY AND HYGIENE.

AUGUSTE T. L. KUSIAN,
PROFESSOR OF FRENCH AND GERMAN.

MRS. S. J. GOMEZ,
PROFESSOR OF SPANISH.

VICTOR LEOVY, A. B.,
INSTRUCTOR IN STENOGRAPHY.

J. R. BUCHANAN (Eastman's College),
INSTRUCTOR OF BOOK-KEEPING.

FLORIAN SCHAFFTER,
DIRECTOR OF VOCAL MUSIC

COURSES OF STUDY.

Four regular courses of study have been laid down and will be more fully described hereafter. They are the Classical, Literary, Scientific and Industrial. Each presents a well rounded curriculum, extending through five years, and leads to the Baccalaureate degree.

SPECIAL STUDENTS.

Although students are strongly urged to undertake one of the regular courses, it may nevertheless occur that, for various reasons, some will decide to pursue a partial course, or perhaps confine their work to a single branch. For such special students provision will be made, and each one who shall complete the work prescribed in any study shall be entitled to a certificate of excellence.

These special courses will be found particularly valuable to those who intend to prepare themselves for teaching some particular branch, of those who after experience as teachers find opportunity and desire for further study. Special rates of tuition will be concèded to graduates of Normal colleges and to persons actually engaged in teaching.

STUDY OF ENGLISH.

FIVE YEARS.

Composition and Essays.	Reading of Standard Authors.
Rhetoric.	Criticism of Shakespeare.
English Literature.	Study of Saxon.

STUDY OF LATIN.

FIVE YEARS.

Cæsar.	Horace.
Cicero.	Ovid.
Virgil.	Tacitus.
Livy.	Plautus.

STUDY OF GREEK.

FOUR YEARS.

Xenophon.	Aeschylus.
Iliad.	Demosthenes.
Herodotus.	Sophocles.
Plato.	

STUDY OF FRENCH.

FIVE YEARS.

STUDY OF GERMAN.

FOUR YEARS.

STUDY OF SPANISH.

TWO YEARS.

STUDY OF MATHEMATICS.

FIVE YEARS.

Algebra.

Analytical Geometry.

Geometry.

Calculus.

Trigonometry.

Astronomy.

STUDY OF HISTORY.

FIVE YEARS.

Outlines of General History.

Mediæval and Modern Europe.

Ancient Greece.

History of the English People.

Ancient Rome.

History of Our Own Times.

Lectures.

STUDY OF MENTAL AND MORAL SCIENCE.

TWO YEARS.

Psychology.

Ethics.

STUDY OF SCIENCE.

FIVE YEARS.

Physiology.

Chemistry.

Biology.

Botany.

Physics.

Zoology.

Geology.

STUDY OF ART.

Decorative Design,

Modelling,

Wood Carving,

Water and Oil Painting,

Drawing from the Antique and from Life.

Industrial and Free Hand Drawing.

Saturday classes will be formed for the accommodation of those whose time limits them to that day.

The right is reserved to retain certain drawings from each student.

The time allotted to each of the foregoing studies is that which would be required when taken in some one of the four regular courses. Special students, directing their entire attention to a single branch, might readily complete it in a shorter period.

CLASSES.

The classes are divided between five years or grades, called, respectively, Academic, Collegiate, Sophomore, Junior and Senior.

The following is a tabulated statement of the courses by grades or years, the figures annexed to each study indicating the number of recitations per week. In art and in laboratory work two hours are allowed for each recitation; in other studies the time will vary from 45 to 60 minutes, as may be found necessary.

COURSES OF STUDY: H. SOPHIE NEWCOMB MEMORIAL COLLEGE.

CLASS	CLASSICAL.	LITERARY.	SCIENTIFIC.	INDUSTRIAL.
ACADEMIC.	Latin.....4 Algebra.....4 Physiology.....1 English.....3 Outlines of History.....3 Industrial Drawing.....3	Book-keeping or French.....4 Algebra.....4 Physiology.....1 English.....3 Outlines of History.....3 Industrial Drawing.....3	Latin.....4 Physiology.....1 English.....3 Outlines of History.....3 Industrial Drawing.....3	Book-keeping or French.....4 Algebra.....4 Physiology.....1 English.....3 Outlines of History.....3 Industrial Drawing.....3
COLLEGIATE.	Latin.....4 Greek.....4 Geometry.....4 English.....3 Ancient History.....3 Drawing and Painting.....3	Book-keeping or French.....4 Algebra.....4 Physiology.....1 English.....3 Outlines of History.....3 Industrial Drawing.....3	Latin.....4 French.....3 Geometry.....4 Biology.....3 English.....3 Drawing and Design.....3	French.....3 Geometry.....4 Biology.....3 English.....3 Drawing and Design.....3
SCIENCE.	Latin.....4 Greek.....4 Algebra and Trigonometry.....4 English Literature.....3 Mediaeval and Modern History.....3 Drawing and Painting.....3	German or Spanish.....4 Algebra and Trigonometry.....4 English Literature.....3 Mediaeval and Modern History.....3 Drawing and Painting.....3	German.....3 Algebra and Trigonometry.....4 Physics.....3 Zoology and Botany.....3 Drawing and Design.....3	French.....3 German or Spanish.....3 Algebra and Trigonometry.....4 Physics.....3 Design, Wood Carving and Modeling.....3
JUNIOR.	Latin.....4 Greek.....4 French or German.....3 Physics.....3 Standard English Authors.....3 History of the English People.....3 Psychology.....3 Decorative Art (optional).....2	German or Spanish.....4 Algebra and Trigonometry.....4 English Literature.....3 Mediaeval and Modern History.....3 Drawing and Painting.....3	French.....3 German.....3 Analytical Geometry.....4 Chemistry.....4 Geology.....3 Psychology.....3 Design and Decoration.....3	French.....3 German or Spanish.....3 Analytical Geometry.....4 Chemistry.....4 Psychology.....3 Decorative Art.....3
SENIOR.	Latin.....4 Greek.....4 French or German.....3 Chemistry.....3 Study of Saxon and Shakespeare.....3 History of Our Own Times.....3 Ethics.....3	French.....3 German or Spanish.....3 Chemistry.....3 Study of Saxon and Shakespeare.....3 History of Our Own Times.....3 Ethics.....3	French.....3 German.....3 Calculus and Astronomy.....3 Chemistry.....3 Biology.....3 Ethics.....3	French.....3 German or Spanish.....3 Calculus and Astronomy.....3 Chemistry.....3 Ethics.....3 Decorative Art—Painting in water and oil.....5

ADMISSION OF STUDENTS.

Applicants for admission to the Academic year must be at least fourteen years of age, and pass a satisfactory examination in the following branches:

English Grammar, including Analysis.
 A Short History of the United States.
 Elements of Rhetoric and Composition
 Elements of English and American Literature.
 Geography.
 Physical Geography.
 Arithmetic.

Applicants for advanced grades must be prepared in all studies prescribed for the lower classes or furnish satisfactory equivalents.

The date set for the opening of the College is Thursday, October 13th, 1887; the preliminary examinations will be held in the College building on Monday, Tuesday and Wednesday, October 10th, 11th and 12th.

The scholastic year will be divided into four quarters of nine weeks each.

The handsome buildings purchased for the College are located in the heart of the city, on Camp and Delord streets and Lee Circle, are convenient of access by many lines of street cars, are well lighted, ventilated and have all sanitary advantages with ample grounds for recreation.

Boarding students will be able to find pleasant accommodations near to the College and amidst agreeable associations.

In its public lectures, libraries, museum and general promotion of intellectual culture, Tulane University offers many advantages to the students of the Female College.

The city affords large facilities for acquiring a thorough knowledge of the modern languages, and board can be obtained in families where French, German or Spanish is correctly spoken.

TERMS.

For any regular course, per quarter.....	\$25
For a special course in Art, per quarter.....	10
For other special studies, per quarter, each.....	8
For Saturday Art Class, per quarter.....	4
All dues payable quarterly in advance.	

Further information will be furnished on application to the President of the College or to Wm. O. Rogers, Secretary of the University, Tulane Hall.

LAW DEPARTMENT.

FACULTY.

WILLIAM FRANCIS MELLEN, LL. D., DEAN.

RANDELL HUNT, LL. D., EMERITUS RECTOR,

Professor of Constitutional Law, Commercial Law, and the Law of Evidence.

WILLIAM FRANCIS MELLEN, LL. D.,

Professor of Common Law and Equity Jurisprudence, and Lecturer on Criminal Law and the Law of Pleading.

HENRY CARLETON MILLER,

Professor of Admiralty and International Law

HENRY DENIS,

Professor of Civil Law, and Lecturer on the Land Laws of the United States.

The Law Department was organized in 1847. Under a series of distinguished professors, it has been in successful operation ever since.

The degree of Bachelor of Laws granted by the University entitles the person on whom it is conferred to admission to the bar of this State. The graduates of the school constitute a large number of the most respectable practitioners of law in Louisiana. Some of them now occupy high judicial positions.

The great fountain of the jurisprudence of Louisiana is the Roman Civil Law. While it is necessary to study here, as in other States of the Union, the Laws of Nature and of Nations; Admiralty and Maritime Law; the Common Law; Equity and Constitutional Law; it becomes absolutely requisite to add to these the study of the Civil Law, from which the provisions of the Code of Louisiana are mainly borrowed.

The lectures and course of studies are comprehensive. The Faculty aim to prepare the student for admission to the bar, not only in this State, but also in any of the Common Law States of the Union. The school

is not designed or limited to educate one for the practice of the law in Louisiana only. It invites to its lectures all who wish to fit themselves for the practice of the law, no matter where they now reside or in what State they may intend to follow this noble calling. The study of the two great systems of law, side by side, is to the student of any intellectual grasp a long step in the science of Comparative Jurisprudence.

The jurisprudence arising from the conflict of the law of different States and Nations, in their actual application to modern commerce and intercourse, is here practically taught by cases daily arising in the business of private persons.

The Supreme Court, the various courts of the State, the Circuit Court and the District Court of the United States, hold their sessions in New Orleans during the whole period of the course of lectures of this department of the University. Thus, from the actual administration of justice in these courts, from the discussions at the bar and the opinions of the learned judges, as well as from the lectures of the Professors of the Law Department of the University, students have an opportunity of becoming acquainted with the theory of foreign laws as well as of our own laws, and of familiarizing themselves with the practice of the State and Federal Courts.

The Library of the State has been suitably arranged over the lecture room in the University building, devoted to the Department of Law, corner of Common and Dryades streets. This library consists of nearly thirty thousand volumes, and includes a highly valuable collection of foreign and American legal works, and of Law Reports. During term time, it is open daily from 9, A. M., until 3, P. M., and from 4, P. M., until 6, P. M. The use of the books is secured to students free of charge, under rules established by the Secretary of State.

Boarding in New Orleans for students can be had at moderate prices. No other city in the Union affords equal advantages for the acquisition of the modern languages.

REGULATIONS.

Every applicant for admission must be personally known to one of the professors, or satisfactorily introduced.

Instruction will be given at the school daily during term time by lectures and expositions, and examinations in connection with them.

Moot Courts will be held for the instruction of the students in practice.

There will be a regular Public Commencement of the Department every year.

The Faculty will, previous to the Commencement, determine upon the qualifications of applicants for the degree of Bachelor of Laws, and present their names to the administrators.

The degree of Bachelor of Laws will be conferred on those students only who shall have attended *two full courses* of lectures; or *one full course*, after having pursued their studies for the term of twelve months under the direction of a respectable counselor at law, or in an institution having power to confer the degree of Bachelor of Laws, and who shall, on examination by the professors, be found worthy of the honor.

The degree will be conferred on Commencement Day, in public, according to the forms usually observed in Universities.

The degree will not be conferred on any student under the age of twenty-one years. Students will take notice that petitions to be exempted from the operation of this rule will not be received by the Faculty.

Every graduate of this Department is entitled to attend the lectures without charge.

No matriculation fee is now required. Diplomas will be granted without charge therefor. Fifty dollars, payable in advance, is the only charge made by this Department for the lectures and instruction of an entire session.

Students may enter at any stage of their professional studies, and at any time in the term; they may avail themselves of the advantages of the school in whatever manner and to whatever extent they may see fit. But those who join the class after the 15th of January will not be considered as having taken a full course.

The next annual session of this Department will commence Monday, November 21st, 1887, and terminate in the ensuing month of May.

These exercises for the session 1887-8 will be opened by the Dean, by public lecture, at 6:30, P. M., on the 21st day of November.

Daily thereafter, at the customary hours, the regular lectures of the session will be delivered. These lectures will be open to none but matriculates and graduates of this Law School, except upon special invitation.

All communications should be addressed to

WILLIAM F. MELLEN,

Dean of the Faculty of Law,

53 Carondelet Street,

New Orleans, La.

May 19th, 1887.

LAW GRADUATES OF 1887.

JOSEPH NUMA AUGUSTIN, A. B.,
THOMAS LIVINGSTON BAYNE, Jr.,
FRANK SEBASTIAN DROLLA,
WILLIAM GRAY,
WILLIAM ROBERT KER,
RICHARD HENRY LEA,
WILLIAM HENRY MAYBIN,
WILLIAM HUTCHINSON McCLENDON,
JOHN McNEESE,
WILLIAM THOMAS PATTON,
ROBERT LEE TULLIS,
FRANK ZENGEL.

TEXT BOOKS OF THE LAW DEPARTMENT.

KENT'S COMMENTARIES,
WOOLSEY'S INTERNATIONAL LAW,
WHEATON'S INTERNATIONAL LAW,
CONKLIN'S U. S. ADMIRALTY.

CIVIL CODE OF LA. AND CODE OF PRACTICE,
COOPER'S JUSTINIAN,
LAURENT, COURS DE DROIT CIVIL,
MARCADÉ ON THE FRENCH CODE, or
MOURLON RÉPÉTITIONS ÉCRITES, Etc.

BLACKSTONE'S COMMENTARIES,
STORY'S EQUITY JURISPRUDENCE,
SMITH'S MANUAL OF EQUITY,
SMITH'S MERCANTILE LAW,
STORY ON BILLS OF EXCHANGE AND PROMISSORY NOTES,
ABBOTT ON SHIPPING,
ARNOULD ON INSURANCE,
GREENLEAF ON EVIDENCE.

MEDICAL DEPARTMENT.

FACULTY :

SAMUEL LOGAN, M. D.,

Emeritus Professor of Anatomy and Clinical Surgery.

T. G. RICHARDSON, M. D.,

Professor of General, and Clinical Surgery.

STANFORD E. CHAILLÉ, M. D.,

Professor of Physiology and Pathological Anatomy.

JOSEPH JONES, M. D.,

Professor of Chemistry and Clinical Medicine.

ERNEST S. LEWIS, M. D.,

Professor of General and Clinical Obstetrics and Diseases of Women and Children.

JNO. B. ELLIOTT, M. D.,

Professor of the Theory and Practice of Medicine and of Clinical Medicine.

EDMOND SOUCHON, M. D.,

Professor of Anatomy and Clinical Surgery.

A. B. MILES, M. D.,

Professor of Materia Medica, Therapeutics and Hygiene.

LECTURERS AND DEMONSTRATORS :

STERLING D. KENNEDY, M. D., *Lecturer upon Diseases of the Eye and Ear.*

HENRY WM. BLANC, M. D., *Lecturer on Dermatology.*

RUDOLPH MATAS, M. D., *Demonstrator of Anatomy.*

A. McSHANE, M. D., *Assistant Demonstrator of Anatomy.*

This institution, founded in 1834 as the "Medical College of Louisiana," became in 1847 the "Medical Department of the University of Louisiana," and in 1884 the "Medical Department of the Tulane University of Louisiana." To April, 1887, it had registered 8278 students, and of these it had conferred diplomas on 2421, namely, on 2256 graduates in medicine and 165 graduates in pharmacy.

June 16th, 1886, the Faculty accepted, with great reluctance, the resignation of the Chair of Materia Medica, Therapeutics and Hygiene, by Dr. J. F. Y. Paine, of Galveston, Texas, who had secured, by his superior character and ability, the regard and confidence of colleagues and students; and to fill this vacancy Dr. A. B. Miles, House-Surgeon of the Charity Hospital and for ten years Demonstrator of Anatomy, was appointed.

The next annual course of instruction in this department, now in the fifty-fourth year of its existence, will begin on Monday, October 17th, 1887, and end on Saturday, March 26th, 1888.* The commencement will be held on Wednesday, March 28th. The first four weeks of the term will be devoted exclusively to Clinical Medicine, Surgery, Obstetrics and Gynecology in the wards and amphitheatre of the Charity Hospital; Practical Chemistry in the Chemical Laboratory, under the direction of the Professor; and Practical Anatomy in the spacious and well-ventilated anatomical rooms of the University.

The peculiar feature of the school is its unequalled hospital advantages, to which the Faculty would direct the special attention, not only of medical students, but also of graduates of other schools.

CLINICAL INSTRUCTION AT THE CHARITY HOSPITAL.

It is universally admitted that without abundant anatomical and clinical material no medical school, however numerous or eloquent its professors, can possibly fit its pupils for practical professional life. It is scarcely necessary to state that it is only in large cities that such advantages can be procured; but it is of paramount importance that the opportunities there afforded should be properly utilized; that the students should be required, under the direction of the teacher, to examine patients for themselves, to keep record of cases, to note daily changes which may occur, and thus acquaint themselves by personal observation with the progress and termination of diseases and accidents. The mere introduction of a patient into an amphitheatre, and the discussion of his case by the professor in the presence of a large class, is no substitute for bed-side instruction such as is offered by the great Charity Hospital of New Orleans; and no reduction of lecture fees, not even their entire abolition, can possibly compensate for the lack of such opportunities. The use of the wards

*The attempt to prejudice students against New Orleans by the publication of unfavorable statements concerning the health of the city is unworthy of notice, except to inform any one who may be ignorant of the fact that only two epidemics of Yellow Fever have occurred here since 1858. During the fifty-three years of the existence of the institution, no student has died from this cause during lecture term.

of this noble institution, with its *seven hundred beds* and an annual occupancy thereof by from six to eight thousand sick, in addition to more than thirteen thousand visiting patients, has been given by acts of the Legislature to the Professors of the Medical Department of the Tulane University of Louisiana for the practical instructions of its students, not only in Medicine and Surgery, but also in Obstetrics and Gynecology. Medical students are given access to the Charity Hospital, without payment of any hospital-fees, and far better opportunities for the study of diseases therein than are usually enjoyed in the hospitals of other cities. Between the buildings of the Medical Department and of the Charity Hospital, there are only six squares, which distance is readily walked within six minutes.

The following table of 6363 cases treated in the wards of the Charity Hospital, during the year 1886, will give some idea of the great advantages possessed by the Medical Department for the practical study of Medicine and Surgery:

DISEASES.	NUMBER OF CASES.	DISEASES.	NUMBER OF CASES.
Fevers, and other general	2164	Venereal	289
Nervous system	448	Bones and Joints	92
Circulatory system	218	Local Injuries and Diseases	956
Respiratory "	720	Eye and Ear	168
Digestive "	590	Skin	58
Genito-Urinary Organs	293	All other Diseases	87
Women (incl'dg 156 obstetrical cases)	280		
Total			6363

In addition to these 6363 "in-door" patients, there were 13,336 "out-door" or visiting patients, who are sent to the wards for diagnosis and treatment. These 13,336 "out door" patients furnished for instruction the following valuable material, viz: 5153 Medical, 3898 Surgical, and 1168 Venereal cases; 351 Gynecological cases; 1292 cases of diseases of children, and 1474 cases of diseases of the eye, ear and throat.

The grand total of patients treated in the Charity Hospital was 18,504 in 1884, 20,375 in 1885, and 19,699 in 1886. There are 16 wards for females, and in 1886 there were about 5,500 colored patients. Of the 52 wards in the Charity Hospital, there were 22 Medical, 14 Surgical, 2 Obstetrical, and 2 Gynecological wards, 2 for children, 4 for diseases of the nervous system, 2 for venereal diseases, 2 for diseases of the eye and ear, 1 for skin diseases, 1 pay-ward; and all these wards, except the last one, are accessible to the students.

It is manifest that the facilities thus afforded for *genuine* clinical teaching are unsurpassed by any medical college in the United States; and that these facilities are somewhat appreciated is attested by the size of the classes.

All the professors are Attending Physicians or Surgeons of the Hospital, and visit their wards daily, accompanied by the students, who are thus brought into immediate contact with the sick and wounded, and are taught practically auscultation and percussion, analysis of urine, the application of dressings, etc. Surgical operations are performed, lectures delivered upon selected cases, and *post-mortem* examinations are made in the amphitheatre of the hospital.

Special instruction is given to the candidates for graduation, who are, for this purpose, divided into classes, assigned to the respective professors in charge of the wards in the Hospital, and required to keep records of cases under their care. The classes thus formed interchange courses, so as to enable the candidates to enjoy equal advantages. Thoroughly competent Chiefs of Clinic aid the clinical teachers in developing to its full extent this system of instruction. Students who are not candidates for graduation make the daily Hospital rounds with any of the clinical teachers. The following professors and their respective Chiefs of Clinic will be on duty the ensuing season:

PROF. T. G. RICHARDSON, M. D.	CHAS. CHASSAIGNAC, M. D.	} Chiefs of Clinic.
" S. E. CHAILLÉ, M. D.	F. H. BRICKELL, M. D.	
" JOSEPH JONES, M. D.	CHAS. L. SEEMAN, M. D.	
" ERNEST S. LEWIS, M. D.	STANHOPE JONES, M. D.	
" JOHN B. ELLIOTT, M. D.	ARTHUR NOLTE, M. D.	
" EDMOND SOUCHON, M. D.	G. B. LAWRASON, M. D.	
" A. B. MILES, M. D.	J. H. BEMISS, M. D.	
	P. E. ARCHINARD, M. D.	
	RUDOLPH MATAS, M. D.	
	JNO. J. LAURENS, M. D.	

The regular lectures at the Hospital—on Clinical Medicine, by Professors Elliott and Jones; on Surgery, by Professors Richardson and Souchon; on Obstetrics and Diseases of Women and Children, by Professor Lewis; and on Pathological Anatomy, by Professor Chaillé, will be delivered in the amphitheatre, daily, from 8:30 to 12 A. M.

Post-mortem examinations are made in the presence of the class by the Professor of Pathological Anatomy.

Diseases of the Eye and Ear are taught in the eye-wards and amphitheatre of the Hospital, and constitute a part of the curriculum of the Surgical Chair.

Special instruction in diseases of the skin is given by the lecturer on these diseases.

The Administrators of the Charity Hospital elect annually, by competitive examination in March, fourteen Resident Students, who are entitled to boarding and lodging in the institution free of charge.

LECTURES.

Order of Lectures.—The programme will be so arranged that the lectures upon the elementary branches, taught by the four Chairs of Chemistry, Anatomy, Physiology and Materia Medica, will occupy a somewhat larger proportion of hours during the first ten weeks of the session than the practical studies, Practice of Medicine, Surgery, Obstetrics and Gynecology. On this account it is very important that the students should enter promptly at the opening of the term.

Didactic Lectures.—Systematic didactic instruction in the various branches will be given daily, immediately after the Hospital clinics, in the central building of the University, situated on Common street, between Baronne and Dryades streets. The means for illustrating this course consist of models in wood, wax, plaster and papier maché of rare and beautiful workmanship, executed in London, Paris and Florence, expressly for the University; a complete series of specimens in materia medica; surgical and obstetrical instruments and appliances; a large collection of natural anatomical preparations; specimens in morbid anatomy; and a set of chemical and philosophical apparatus. The Professor of Anatomy, after his lectures, teaches microscopic anatomy practically with specimens under the microscope.

The Faculty call attention to the fact that the subject of Hygiene has been added to the regular curriculum of the school. One lecture a week will be delivered upon this important topic by the Professor of Materia Medica, Therapeutics and Hygiene. This course is obligatory upon students.

REQUISITES FOR GRADUATION.

- I.—The candidate must be of good moral character, and have attained the age of twenty-one years.
- II.—He must present evidence of having studied medicine for at least three years under the direction of a regular graduate or practitioner of medicine of good standing, including the time spent in attendance upon lectures.
- III.—He must have attended two full courses of lectures and of dissections in a generally recognized medical college, the last of which must have been in this institution.
- IV.—He must write a thesis on a medical subject and present it to the Dean at least one month before the close of the session.

V.—He must pass a satisfactory examination before the Faculty.

VI.—He must have paid in full all college dues, including the graduation fee.

(Students who intend to present themselves for examination are advised to write their thesis during the summer vacation.)

PREPARATORY COURSE.

The Academical Department of the University offers the following course as preliminary to the study of medicine at fifty dollars, with the privilege of the Drawing Class.

Physics; Chemistry (and in Laboratory); Biology (and with Microscope); Botany; Rhetoric, German and English Literature.

This course, although recommended by the Faculty, is not obligatory, but will be received as equivalent to one year's study in a physician's office.

TERMS PER ANNUAL SESSION.

	1ST SESSION.	2D SESSION.
Matriculation Ticket.....	\$ 5 00	.....
General Ticket of all Professors.....	140 00	140 00
Ticket of Demonstrator of Anatomy.....	10 00	10 00
Diploma Fee (once only when graduated).....	.....	30 00
Totals.....	\$155 00	\$180 00

After the total fees (for two full courses) of \$305, as above, have been paid, no fees (except the \$30 Diploma fee) are required for subsequent courses, however numerous. The payment of the total \$335 may be distributed over a three years' course, as follows, viz.: \$105 the first year, \$100 the second year and \$130 the third year. All fees are payable in advance.

It will be noticed that the fees of the Department remain the same as those of the leading medical schools of New York and Philadelphia. Considering the unusual opportunities afforded for practical instruction, and the constant care and labor bestowed upon the pupils, the charges are reasonably low, and the Faculty, therefore, appeal to their professional brethren throughout the South and West to continue their support to an institution which does not seek to increase the size of its classes by pecuniary rivalry, but by offering a *full equivalent for its charges*.

Students who have attended and paid for two full courses of lectures, the last of which was in this institution, are entitled to attend thereafter without charge; and it is the earnest desire of the Faculty that they should avail themselves of this privilege, to the extent of at least one additional course, before applying for graduation. It is gratifying to be able to state that many members of the class (about one-half of the graduates) annually follow this course, and their high standing at the final examinations, their better preparation for the practice of their professions, and their more successful careers, more than compensate them for their longer attendance upon lectures.

As a still further inducement, the Faculty will hereafter permit students who have attended and paid for two courses of lectures, the last of which shall have been in this institution, examinations upon one or more of the elementary branches taught by the Chairs of Chemistry, Anatomy, Physiology and Materia Medica. These examinations, if successful, will not be repeated, but if the applicant should fail upon one or more of them, he will be granted a second trial upon these when he shall present himself for final examination.

Graduates of other respectable schools are admitted to all the privileges of the Department upon payment of the matriculation and half lecture fees; they cannot, however, obtain the diploma of the University without passing the regular examination, and paying, in addition, the usual graduation fee. Graduates are also given the privilege of attending special courses at less than \$20 each, provided that the tickets of more than two professors are purchased.

INSTRUCTION IN PHARMACY.

The Faculty call attention to the fact that this institution is also authorized to grant diplomas in Pharmacy. Students in this Department attend the lectures upon Materia Medica and Therapeutics, and upon Chemistry, and receive practical instruction in the Chemical Laboratory. Attendance upon two such courses entitles them to appear as candidates for the degree of Master of Pharmacy, provided that satisfactory certificates of at least two years' practical experience, under the instruction of a competent pharmacist, are submitted to the Dean.

The fees for the lectures are \$40 per session, and for graduation \$20; but as the course is included in that of Medicine, students who graduate in the latter and wish to take also the degree in Pharmacy pay in addition only the diploma fee; but they must undergo such additional

examination as may be required. Should the effort of the Faculty to establish a Pharmaceutical Laboratory prove successful, as is hoped, students in Pharmacy will be charged a fee of \$30 instead of \$40, as above stated.

[Since the above notice of the "Instruction in Pharmacy" was published, the Board of Administrators of the Tulane University has appropriated a sum of money for the establishment of a Laboratory for instruction in practical pharmacy. An instructor will be elected before the coming session of '87-'88, and the Laboratory will be prepared for work on the 14th of November, and the fee as above mentioned will be \$50 for the term.]

TEXT BOOKS, ETC.

The books mentioned below are recommended in preference to others; but *recent editions of any standard works* may be used in their stead. Only one text book on each branch is indispensable. The cost for a set of text books on all the branches is about \$45. The prices affixed below are now the lowest prices of the cheapest copies, usually in cloth.

SURGERY—Ashurst, \$5; Bryant, \$5.30; Treaves, \$5; Gross, \$12.50.

PRACTICE OF MEDICINE—Flint, \$4.60; Loomis, \$5; Pepper, \$25; Reynolds, \$15.

PHYSIOLOGY—Foster, \$2.70; Dalton, \$4.10; Flint, \$5.

PATHOLOGICAL ANATOMY—Coats, \$4.60; Green, \$2.10; Delafield and Prudden, \$4.

OBSTETRICS—Leishman, \$3.75; Playfair, \$3.25; Lusk, \$4.

GYNECOLOGY—Barnes, \$4; Thomas, \$4; Emmet, \$5.

DISEASES OF CHILDREN—Smith, West, each \$3.75.

CHEMISTRY—Fownes, \$2.30; Atfield, \$2.10; Miller, \$15; Fresenius, \$8.70; Ganot's Physics, \$4.20.

ANATOMY—Gray, \$5; Wilson, \$6; Richardson, \$3.50; Souchon's Résumé, \$2.

MATERIA MEDICA AND THERAPEUTICS—Wood, \$4.85; Rabuteau, \$7; Bartholow, \$4.20; National Dispensatory, \$5.85.

HYGIENE—Wilson, \$2.25; Parkes, \$4.15.

DICTIONARIES—Dunglison, \$5.30; Thomas, \$4.

Information about houses for board and lodging may be obtained by application to P. Martin, Janitor. The price usually paid by students is \$20 per month.

For any additional information, address "Prof. CHAILLÉ, Dean, P. O. Drawer 261." Letters thus *officially* addressed secure prompt attention, even if the Dean be absent.

STANFORD E. CHAILLÉ, M. D.,
NEW ORLEANS, LA., June, 1887. *Dean of the Faculty.*

GRADUATES OF 1887-71.

At the Fifty-Third Annual Commencement, held March 30th, 1887, the annual address was delivered by Rt. Rev. J. N. Galleher, Bishop of Louisiana; the valedictory by A. A. Forsythe, M. D., of the graduating class; the degree of Doctor of Medicine was conferred on the following fifty-seven graduates in Medicine, and the degree of Master of Pharmacy on the following fourteen graduates in Pharmacy:

Graduates in Medicine—57.

NAMES.	POSTOFFICE.	COUNTY.	STATE.
ATKINSON, JNO. JOSEPH.....	Yorktown.....	DeWitt.....	Tex
BEAUCHAMP, A. T. B.....	Paris.....	Lamar.....	Tex
BECKMAN, ALBERT.....	Industry.....	Austin.....	Tex
*BICKHAM, WARREN STONE.....	New York.....	New York.....	N. Y
BLAKE (M.D.) GUSTAVE BEAUREG'RD.....	Boulder.....	Boulder.....	Col
BLAKEWOOD, EDWARD RICKER.....	Big Bend.....	Avoyelles.....	La
BROWNLEE, GEO. D.....	New Orleans.....	Orleans.....	La
BURFORD, JESSE M.....	Weimar.....	Colorado.....	Tex
BURTON, OLIVER HEARNE.....	Tuscaloosa.....	Tuscaloosa.....	Ala
*CHARBONNET, JOS. NUMA.....	New Orleans.....	Orleans.....	La
CLARK, ABNER O.....	Rayne.....	Lafayette.....	La
DIEBOLD, CHRISTY BALTHAS.....	New Orleans.....	Orleans.....	La
DUNCAN, ALEX. D.....	Plano.....	Collin.....	Tex
ESTES, JOS. HENDERSON.....	Corinth.....	Alcorn.....	Miss
*FORSYTHE, ANDREW A.....	Jena.....	Catahoula.....	La
FOX, GEO. RANDOLPH.....	Jesuits' Bend.....	Plaquemines.....	La
GEYER, CARL LOUIS.....	Giddings.....	Lee.....	Tex
GRANER, EDWIN I.....	New Orleans.....	Orleans.....	La
HAMILTON, JNO. WAYNE.....	Hornsby.....	Travis.....	Tex
HARKINS, GILES WELLINGTON.....	Caddo.....	Choctaw N.....	Ind. T
*HARNAN, WILLIAM R.....	New Orleans.....	Orleans.....	La
HILL, F. M. D.....	Webberville.....	Travis.....	Tex
HILTON, CHAS. WESLEY.....	Monroe.....	Ouachita.....	La
JOHNSON, JNO. FRANCE.....	New Salem.....	Rusk.....	Tex
JONES, ERNEST PEYTON.....	Hazlehurst.....	Copiah.....	Miss
JONES, LOUIS HARVEY.....	Atlanta.....	Fulton.....	Ga
JONES, R. RIVERS.....	Jackson.....	East Feliciana.....	La
KIBBE, JOS. EVARAD.....	Abbeville.....	Vermilion.....	La
KIRKPATRICK (M.D.) DAVID FOR'EST.....	Waketown.....	Denton.....	Tex
LAMBERT, JNO. WALTER.....	Tangipahoa.....	St. Helana.....	La
LAYTON, LEWIS FERDINAND.....	Hallettsville.....	Lavaca.....	Tex
*LEBEUF, LOUIS GEORGE.....	Waggaman.....	Jefferson.....	La
MCALPIN, MARK RUSSELL.....	Almadane.....	Vernon.....	La
MCNEILL, WALTER OTHO.....	Vosburg.....	Jasper.....	Miss
MARTIN, GEO. ARMAND.....	Breaux Bridge.....	St. Martin.....	La
MATTHEWS, WM. THOS.....	Charleston.....	Tallahatchie.....	Miss
MATTINGLY, ARTHUR ROBT.....	New Orleans.....	Orleans.....	La
MAYLIE, ALEXANDER G.....	New Orleans.....	Orleans.....	La
MERCER, JNO. AUSTIN.....	Chappell Hill.....	Washington.....	Tex
MONTGOMERY, A. LANGSTON.....	Henderson.....	Rusk.....	Tex
MOSS, NATHANIEL P.....	Lafayette.....	Lafayette.....	La
NASH, CHRISTOPHER COLUMBUS.....	Robeline.....	Natchitoches.....	La
NOTREBE, EUGENE PRICE.....	Fayetteville.....	Washington.....	Ark
PERKINS, SAMUEL JNO.....	Norwood.....	East Feliciana.....	La
POPE, IRVIN.....	Marshall.....	Harrison.....	Tex
RAWLINS, HARDIE STUART.....	New Orleans.....	Orleans.....	La

NAMES.	POSTOFFICE.	COUNTY.	STATE.
*SCHMITTLE, JULIUS FRED.....	New Orleans.....	Orleans.....	La
SCHULTZ, OTTO M.....	Algiers.....	Orleans.....	La
SCHWING, SAMUEL POINTER.....	Plaquemine.....	Iberville.....	La
*SCOTT, JOS. W.....	Houston.....	Harris.....	Tex
SMITH, JNO. ROBT.....	Cookville.....	Titus.....	Tex
THIBODAUX, OSCAR J.....	Thibodeaux.....	Lafourche.....	La
TUCKER, HAL SHACKLEFORD.....	Okolona.....	Chickasaw.....	Miss
VERNON, TOM W.....	Spartanburg.....	Spartanburg.....	S. C
*WATKINS, BENJ. DRAKE.....	Natchez.....	Adams.....	Miss
WELLWOOD, JAS. MONCRIEFF.....	Minnedosa.....	Minnedosa.....	Canada
WORLEY, JAS. GEORGE.....	Harris.....	Tallahatchee.....	Miss

*Resident Students of the Charity Hospital.

Graduates in Pharmacy—14.

NAMES.	POSTOFFICE.	COUNTY.	STATE.
ABBOTT, LOUIS LEE.....	New Orleans.....	Orleans.....	La
BERMUDEZ, J. A.....	New Orleans.....	Orleans.....	La
*BICKHAM, WARREN STONE.....	New York.....	New York.....	N. Y
BROWN, GEO. STEWART.....	New Orleans.....	Orleans.....	La
CROUERE, PAUL.....	New Orleans.....	Orleans.....	La
FERNANDEZ, F. F.....	New Orleans.....	Orleans.....	La
*FORSYTHE, ANDREW A.....	Jena.....	Catahoula.....	La
FORTIER, ST. MARK.....	New Orleans.....	Orleans.....	La
KELLY, EDWARD S.....	New Orleans.....	Orleans.....	La
SEELIGER, RICHARD PAUL.....	New Orleans.....	Orleans.....	La
STORCK, JACOB AMBROSE.....	New Orleans.....	Orleans.....	La
TUSSON, GEO. JOS.....	New Orleans.....	Orleans.....	La
WALKER, JNO. DAVID.....	New Orleans.....	Orleans.....	La
WUNDERLICH, EDWARD.....	New Orleans.....	Orleans.....	La

*Graduates also in Medicine in 1887.

MATRICULATES OF THE SESSION 1886-87—267.

NAMES.	PRECEPTORS.	STATE.
†ABBOTT, L. L.....	Dr. Jno. Callan.....	Louisiana
ADAMS, J. R.....	Dr. Jno. Callan.....	Louisiana
AIKEN, J. G.....	.....	Louisiana
ALBEKS, E. M.....	Tulane University of Louisiana.....	Louisiana
ALLEN, J. C. (M. D.).....	.....	Louisiana
ANDERSON, L. C.....	Dr. Saunders.....	Louisiana
ATKINS, H. E.....	Dr. J. B Hargrove.....	Louisiana
ATKINSON, J. J.....	Tulane University of Louisiana.....	Texas
BANKSTON, R. C.....	Dr. C. J. Seay.....	Florida
BARBE, B. M.....	Dr. C. L. Richardson.....	Louisiana
BARRON, O. L.....	Dr. W. J. Barron.....	Mississippi
BARRON, E. DEW.....	Dr. O. Dulaney.....	Mississippi
BASKERVILLE, W. F.....	Vanderbilt Univ.....	Arkansas
*BAYON, H.....	Charity Hospital.....	Louisiana
BEARD, G. R.....	Dr. G. H. Huhner.....	Louisiana
BEAUCHAMP, A. T. B.....	Dr. Jos. Jones.....	Texas
BECKMANN, A.....	Dr. M. O. Wright.....	Texas
BELDEN, J. W.....	Dr. J. G. Belden.....	Louisiana
†BERMUDEZ, J. A.....	M. Mangean.....	Louisiana
BETHEA, J. J.....	Dr. J. Gillis.....	Mississippi

NAMES.	PRECEPTIONS,	STATE,
BEYNON, J. H.	Dr. T. G. Ford	Louisiana
*BICKHAM, W. S.	Charity Hospital	New York
BLACK, H. C.	Dr. J. A. Black	Texas
BLAKE, G. B. (M. D.)	University of Colorado	Colorado
BLAKEWOOD, E. R.	Dr. B. W. Blakewood	Louisiana
BOLIN, JAS. A.		Texas
BOOTH, W. R.	Dr. C. M. Merrill	Alabama
BORDE, R. U.	Dr. J. F. Borde	Louisiana
BRAGG, E. R.	Drs. Murray & Bragg	Mississippi
BRINGIER, J. T.	Dr. Jos. Jones	Louisiana
†BROWN, G. S.	Ferd Lascar	Louisiana
BROWN, J. E.	Dr. B. J. Brown	Texas
BROWN, J. F. (M. D.)		Michigan
BROWN, R. C.	Dr. H. W. Brown	Texas
BROWNLEE, G. D.		Louisiana
†BROUSSARD, A.	Tulane University of Louisiana	Texas
BRUNSON, R.	Dr. R. Brunson	Arkansas
BUIE, J. (M. D.)		Texas
BURFORD, J. M.	Dr. C. O. Weller	Texas
BURNS, F. E.	Dr. A. Miles	Louisiana
BURTON, O. H.		Alabama
CALLAN, W. P.	Dr. W. M. Gilder	Texas
CALLAWAY, B. D.		Louisiana
CANNON, A. L.		Mississippi
CARICO, J. W.		Louisiana
CHAMBERLIN, J. B.		Louisiana
CHANCEY, N. P.	Dr. A. H. Dubose	Texas
CHANDLER, JR., G. C.	Dr. J. M. Taylor	Louisiana
†CHARBONNET, E. L.	E. J. Hart	Louisiana
*CHARBONNET, J. N.	Charity Hospital	Louisiana
CLARK, A. O.	Dr. M. L. Lyons	Louisiana
CLAWSON, C. W.	Dr. G. Huhner	Louisiana
CLOUD, J. N. D. (M. D.)		Florida
COLEMAN, M. W.	Furniss & Tipton	Alabama
†CROUERE, P.		Louisiana
DAVIS, J. E.	A. & M. College of Mississippi	Mississippi
DAVIS, E. P. (M. D.)	Tulane University	Texas
*DEGRANGE, J. T.	Charity Hospital	Louisiana
DELANEY, T.	Charity Hospital	Louisiana
DIEBOLD, C. B.	Dr. J. M. Malton	Louisiana
DILLARD, J. L.	Dr. Jno. McCloy	Texas
DOUSSAN, J. E.		Louisiana
DRANE, W. W.		Mississippi
DUDLEY, J. B.		Mississippi
DUFFEL, JR., JNO. E.	Dr. Jno. E. Duffel	Louisiana
DUKE, WM. J. (M. D.)		Texas
DUNCAN, A. D.	Dr. S. G. Rodgers	Texas
DURIO, A. C.	Dr. W. G. Martin	Louisiana
DYMOND, F.	Dr. J. H. Bemiss	Louisiana
EARNs, J. D.	Dr. L. Sexton	Mississippi
ECKHARDT, W. R.	Dr. R. Atkinson	Texas
ELLIOTT, J. M.		Louisiana
*ELLIS, E. E.	Charity Hospital	Mississippi
ELLIS, J. H.	Tulane University of Louisiana	Louisiana
ESTES, J. H.	Tulane University of Louisiana	Mississippi
†FERNANDEZ, F. F.	Dr. Jos. Jones	Louisiana
FINNEY, MARK L.	Dr. J. F. Finney	Louisiana
FOREMAN, T. C.	Dr. J. W. Dupree	Louisiana
*FORSYTHE, A. A.	Charity Hospital	Louisiana
†FORTIER, S. M.	Tulane University of Louisiana	Louisiana
FOUTS, J. J.	Dr. C. M. Merrill	Florida
FOX, G. R.	Dr. D. R. Fox	Louisiana
FRANCEZ, J.	Dr. J. Francez	Louisiana

NAMES.	PRECEPTORS.	STATES.
†FUERSTENBERG, J	A. Levy	Louisiana
GAHAN, W. J		Mississippi
GAINES, JNO. G	Dr. E. S. Lewis	Louisiana
GEYER, C. L	Dr. J. A. Fields	Texas
GILMORE, V. L		Louisiana
GLADDEN, A. H	Drs. Day & Longino	Louisiana
GOELET, E. B	Dr. Jos. Jones	Louisiana
†GOESLING, J	W. Melchert	Louisiana
GORDON, E. K	Dr. H. B. Hartman	Louisiana
GORDON, E. C. (M. D.)		Texas
GRANER, E. J	Dr. W. Watkins	Louisiana
GRIFFITH, JR., D. M	Dr. C. H. Todd	Kentucky
GROENEVELT, J. F	Dr. F. Loeber	Louisiana
GRUNEBERG, F. H	Dr. C. H. Gruneberg	Louisiana
HAM, E. P	Dr. W. G. Ham	Georgia
HAMILTON, J. W	Hill & Bennett	Texas
HANSON, T. H	Dr. J. D. Hanson	Louisiana
HARANG, W. F. (M. D.)		Louisiana
HARKINS, G. W		Indian Territory
*HARNAN, W. R	Charity Hospital	Louisiana
HARPER, T. W	Dr. H. Bryant	Louisiana
HARRIS, G. C	Dr. T. P. Early	Texas
HART, J. H. B. (M. D.)		Louisiana
HENDERSON, J. S	Dr. C. P. Henderson	Mississippi
HERMAN, M	U. S. Signal Service	Louisiana
HERRING, J. H	Dr. C. Pardee	Texas
HILL, F. M. D	Dr. L. D. Hill	Texas
HILTON, C. W	Dr. T. T. Aby	Louisiana
HINCKS, W	Dr. M. E. Hicks	Louisiana
HOOPER, J. M. (M. D.)	Tulane University La	Texas
†HOWELL, J. A	Tulane University La	Louisiana
HUNT, R	Dr. T. G. Ford	Louisiana
IRWIN, E. L	Dr. Jos. Jones	Louisiana
IZARD, G. L	Dr. H. Izard	Mississippi
JACQUES, L. W	Dr. J. V. Everett	Texas
JASTREMSKI, L. H	Dr. Buffington	Louisiana
JENKINS, S. B	Dr. H. J. Smisson	Alabama
†JENSEN, P. H	C. L. Keppler	Louisiana
JEWELL, W. L	Dr. J. H. B. Hart	Louisiana
JOHNSON, J. F	Dr. C. E. Mayo	Texas
JOHNSON, J. H	Dr. L. B. Johnson	Mississippi
JOHNSTON, W	Dr. R. C. Johnson	Mississippi
JONES, E. P	Dr. D. W. Jones	Mississippi
JONES, L. H	Dr. R. B. Ridley	Georgia
JONES, R. R	Dr. R. S. Jones	Louisiana
JOWERS, C	Dr. F. B. Gregory	Georgia
†KELLY, E. S	Dr. Sauvage	Louisiana
KENDALL, O. J. (M. D.)		Texas
KIBBE, J. E	Dr. W. G. Kibbe	Louisiana
KIRKPATRICK, D. F. (M. D.)		Texas
KOHNKE, Q	Tulane University La	Louisiana
KNOLLE, B. E. (M. D.)		Texas
LACASSAGNE, C	Tulane University La	Louisiana
*LAMB, J. H	Charity Hospital	Louisiana
LAMBERT, J. W	Dr. T. W. Cowdin	Louisiana
LANDFRIED, C. J	Tulane University La	Louisiana
LARKIN, JNO. (M. D.)		Louisiana
LARUE, F	Dr. E. Souchon	Louisiana
LAYTON, L. F	Dr. J. A. Youngkin	Texas
*LEBEUF, L. G	Charity Hospital	Louisiana
LEDoux, A	Dr. Wiendal	Louisiana
*LEE, G. H	Charity Hospital	Texas
LEHMAN, V	Tulane University La	Louisiana
LEWIS, W. H. H	Dr. E. L. McGehee	Mississippi

NAMES.	PRECEPTORS.	STATES.
LIPSCOMB, R. S.	Dr. W. D. Lipscomb	Texas
LITTELL, B. A.	Dr. R. H. Littell	Louisiana
LITTIG, H. A.		Iowa
LLOYD, W. B.	Dr. T. Y. Wilson	Mississippi
LOPEZ, O.		Louisiana
LOWE, M. M. (M. D.)		Louisiana
LOWE, E. N.	Dr. E. F. Lowe	Mississippi
†LYNCH, T. J.	Owen Lynch	Louisiana
LYONS, D. E.	Dr. E. J. Lyons	Louisiana
MCALPIN, M. R.	Dr. S. J. Smart	Louisiana
MCCALLA, L. P.	Dr. A. C. Walker	Texas
MCENERY, H.	Dr. A. B. Miles	Louisiana
MCGEHEE, B. W.	Dr. J. C. B. Renford	Texas
McKENNA, P. J.		Louisiana
McKOWEN, E. C. (M. D.)		Louisiana
McLAURIN, H. C.	Dr. A. B. Pitts	Mississippi
McMAHON, J. B. (M. D.)		Louisiana
McNEIL, W. O.	Dr. Frank McCormic	Mississippi
†McRORY, H. W.		Florida
†MALOCHEE, P. H.	J. Llado	Louisiana
MAGRUDER, M. J.	Dr. A. F. Magruder	Louisiana
MARTIN, G. A.	Drs. G. W. and F. R. Martin	Louisiana
MATTHEWS, W. T.	Dr. J. R. Crow	Mississippi
MATHISON, L. J.	Dr. R. J. Magee	Mississippi
MATTINGLY, A. R.	Dr. F. W. Parham	Louisiana
MAYER, R. A.	Dr. F. J. Mayer	Louisiana
MAYLIE, A. G.		Louisiana
MERCER, J. A.	Dr. T. J. Robinson	Texas
MEYER, L. E.		Louisiana
MILNER, J. N.	Dr. U. R. Milner	Texas
MONTGOMERY, A. L.	Dr. E. R. W. McCreary	Texas
MOORE, S. O. (M. D.)		Texas
MORRIS, S. A.	A. and M. College of Miss.	Mississippi
MOSS, N. P.	Dr. F. S. Mudd	Louisiana
MOUTON, G. C. (M. D.)		Louisiana
MURPHY, R. A.	Dr. E. A. Murphy	Louisiana
NASH, C. C.	Dr. T. A. Carter	Louisiana
NASH, J. V.	Dr. J. W. Thomas	Louisiana
NEELY, E. P.	Dr. D. Touchstone	Mississippi
NESMITH, G. C. (M. D.)		Mississippi
NEWMAN, G. W.	Dr. D. C. Pardue	Texas
NOARK, H.	Dr. Daran	Texas
NORMAN, W. B. (M. D.)		Mississippi
NORTHROP, S. G.	Dr. J. A. Fields	Texas
NOTHACKER, W.		Louisiana
NOTREBE, E. P.	Dr. Welch	Arkansas
NOTT, Jr, T. E. (M. D.)		South Carolina
PAINE, R. B.	Dr. S. J. Smart	Louisiana
PERKINS, A. J.		Louisiana
PERKINS, S. J.	Dr. L. Y. Perkins	Louisiana
PERKINS, W. P.		Texas
POCHE, L. P.	Dr. T. Layton	Louisiana
POPE, I.		Texas
PORTER, J. R.	Dr. J. Alexander	Mississippi
POTHIER, O. L.	Dr. J. Castellanos	Louisiana
POWELL, J. L.	Dr. T. West	Florida
PRICE, G. R.	Dr. F. M. Sexton	Mississippi
PRIMO, J. E.	E. J. Hart & Co.	Louisiana
†PUGH, W. H.	Jos. Jones, M. D.	Louisiana
QUIN, O. B. (M. D.)		Mississippi
RADFORD, G. W. (M. D.)		Texas
RAMSEY, J. W.	Dr. M. L. Banks	Mississippi
RAND, E. P. (M. D.)		Alabama

NAMES.	PRECEPTORS.	STATES
RAWLINGS, H. S.		Louisiana
RAY, W. H.	Dr. Jos. Ray	Louisiana
REISS, P. L.	Dr. Dupaquier	Louisiana
RICKER, H. F.		Louisiana
†RIVET, H. J.		Louisiana
*ROCQUET, A. P.	Charity Hospital	Louisiana
†ROUX, N. P.	P. I. Cusachs	Louisiana
SABATIER, J. G.	Dr. E. Souchon	Louisiana
SAIZAN, J. P.	Dr. L. Daly	Louisiana
SCHERCK, H. J.	Dr. F. Loeber	Louisiana
SCHILLING, H. L.	Dr. J. J. Alford	Mississippi
*SCHMITTLE, J. F.	Charity Hospital	Louisiana
SCHULTZ, O. M.		Louisiana
†SCHWING, C. K.	Dr. S. D. Schwing	Louisiana
SCHWING, S. P.	Dr. S. D. Schwing	Louisiana
*SCOTT, J. W.	Charity Hospital	Texas
†SEELIGER, R. P.	Mr. E. Lalmant	Louisiana
*SHANNON, J. C.		Tennessee
SHOLARS, S. W. (M. D.)		Texas
†SMALL, J. B.	Dr. H. J. Small	Mississippi
SMITH, H. S.	Dr. Sam'l Logan	Louisiana
SMITH, J. R.		Texas
SMITH, L. P.		Louisiana
SMYTH, J. D.	Dr. B. N. Ward	Mississippi
†SONIAT, J. M.	Sam'l Logan, M. D.	Louisiana
STEWART, A. P.	Dr. C. S. Stewart	Louisiana
†STORCK, J. A.	E. May	Louisiana
SWAYZE, P. E.	Dr. R. C. McCan	Mississippi
TARLTON, T. T. (M. D.)		Louisiana
TAYLOR, E.	Dr. J. B. Hinckle	Georgia
TEUNISSON, G. A. (M. D.)		Mississippi
THEARD, S. L.	Dr. Archinard	Louisiana
THIBODAUX, O. J.	Dr. Sam'l Logan	Louisiana
THIGPEN, C. A.	Dr. J. Thigpen	Alabama
TOBIN, C. P. (M. D.)		Arkansas
TOWNS, J. R.	Dr. E. T. Walker	Texas
TOWSLEY, W. H.		Louisiana
TRUXILLO, R. A.	Dr. Archinard	Louisiana
TUCKER, H. S.		Mississippi
†TUSSON, J. G.	P. L. Cusachs	Louisiana
VERNON, T. W.	Dr. O. J. Falls	South Carolina
VIALON, L. H.	Dr. A. A. Allain	Louisiana
VON KEWENTER, C.		Louisiana
†WALKER, J. D.	F. Frederickson	Louisiana
WASSON, J. H.	Drs. Wasson & Mitchell	Mississippi
*WATKINS, B. D.	Charity Hospital	Mississippi
WEBER, A.	Dr. S. M. Angel	Louisiana
WEATHERSBY, L. F.	Dr. W. C. Weathersby	Mississippi
†WEEKS, S. C.	T. A. Enderle	Louisiana
WELLWOOD, J. M.	Dr. R. H. Fleming	Canada
WILLIAMS, O. W.	Dr. W. T. Cox	Texas
WILLIAMS, R. G. (M. D.)		Texas
WILSON, H.	Dr. S. P. Cunningham	Texas
WORLEY, J. G.	Dr. A. C. Kuykendall	Mississippi
*WRAY, J. J.	Charity Hospital	Texas
†WUNDERLICH, E.	Dr. W. Wunderlich	Louisiana
YOUNG, F. A.	Dr. W. W. Lunn	Texas

*Resident Students of the Charity Hospital.

†Pharmacy Students, total 28.

Total No. Medical Students, 239, viz: 23 M. Ds. gratuitous; 8 M. Ds. ordinary students; and 208 students not M. Ds.

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TULANE UNIVERSITY

OF

LOUISIANA.

1888-'89.

NEW ORLEANS, LA.

TULANE UNIVERSITY

OF

LOUISIANA.

CATALOGUE, 1887-'88.

High School, College, University,

Law and Medical Departments,

AND

H. Sophie Newcomb Memorial College for Women.

ANNOUNCEMENT FOR 1888-'89.

NEW ORLEANS.

1888

CALENDAR

SESSION OF 1888—1889.

1888.

- OCTOBER 4, 5, 6.....Entrance Examination for College, High School, and H. Sophie Newcomb Memorial College.
- MONDAY, OCTOBER 8.....Opening of College, High School, and H. Sophie Newcomb Memorial College.
- MONDAY, OCTOBER 22.....Department of Medicine opens.
- MONDAY, NOVEMBER 19.....Department of Law opens.
- THURSDAY, DECEMBER 6.....Second Quarter begins.
- SATURDAY, DECEMBER 22.....Christmas Holidays begin.

1889.

- WEDNESDAY, JANUARY 2.....Studies resumed in College, High School, and H. Sophie Newcomb Memorial College.
- WEDNESDAY, FEBRUARY 10..Intermediate Examinations begin.
- THURSDAY, FEBRUARY 4.....Third Quarter begins.
- WEDNESDAY, APRIL 3Commencement, Medical Department.
- TUESDAY, MAY 15Commencement, Law Department.
- THURSDAY, APRIL 18.....Fourth Quarter begins.
- MONDAY, JUNE 10.....Final examinations begin.
- TUESDAY, JUNE 18.....Commencement, H. Sophie Newcomb Memorial College.
- THURSDAY, JUNE 20.....Commencement, College and High School.
- JUNE 14 and 15.....Entrance Examinations for next annual Session (1888-90) of H. Sophie Newcomb Memorial College.
- JUNE 17 and 18.....Entrance Examinations for next annual session of Tulane College and High School.

BOARD OF ADMINISTRATORS.

RANDALL LEE GIBSON (U. S. Senator).
CHARLES ERASMUS FENNER,
Associate Justice Supreme Court of Louisiana.
JAMES McCONNELL,
TOBIAS GIBSON RICHARDSON, M. D.,
EDWARD DOUGLAS WHITE (U. S. Senator elect),
EDGAR HOWARD FARRAR,
PASCHAL NEILSON STRONG,
BENJAMIN M. PALMER, D.D., L.L.D.,
SAMUEL HORTON KENNEDY,
WALTER ROBINSON STAUFFER,
CARTWRIGHT EUSTIS,
HENRY GINDER,
JOHN TIMMONS HARDIE,
ROBERT MILLER WALMSLEY,
RT. REV. JOHN N. GALLEHER,
JOSEPH C. MORRIS.

EX-OFFICIO.

HON. FRANCIS T. NICHOLLS, Governor of Louisiana.
HON. JOSEPH A. SHAKESPEARE, Mayor of New Orleans.
HON. JOSEPH A. BREAUX, State Supt. Public Education.

BOARD OF ADMINISTRATORS.**OFFICERS AND COMMITTEES.**

RANDALL LEE GIBSON, - - - President.
 CHAS. E. FENNER, - - - First Vice-President.
 JAS. McCONNELL, - - - Second " "
 P. N. STRONG, - - - Sec'y and Treasurer.

COMMITTEE ON FINANCE AND ACCOUNTS.

R. M. WALMSLEY, Chairman.

SAMUEL H. KENNEDY, JOHN T. HARDIE,
 WALTER R. STAUFFER, JOSEPH C. MORRIS.

COMMITTEE ON REAL ESTATE.

CARTWRIGHT EUSTIS, Chairman.

HENRY GINDER, W. R. STAUFFER,
 R. M. WALMSLEY, P. N. STRONG.

COMMITTEE ON EDUCATION.

CHAS. E. FENNER, Chairman.

JAMES McCONNELL, T. G. RICHARDSON, M. D.,
 E. D. WHITE, E. H. FARRAR,
 CARTWRIGHT EUSTIS, B. M. PALMER, D. D., LL. D.,
 RT. REV. J. N. GALLEHER, H. GINDER.

COMMITTEE ON RULES.

HENRY GINDER, Chairman.

W. R. STAUFFER, CHAS. E. FENNER.

COMMITTEE ON LAW.

JAS. McCONNELL, Chairman.

E. D. WHITE, E. H. FARRAR.

OFFICERS OF THE UNIVERSITY.

WM. PRESTON JOHNSTON, LL. D., - President,
 WM. O. ROGERS, - - - Secretary and Librarian;
 CHARLES G. GILL, PH. D., - Librarian.

TULANE UNIVERSITY.

HISTORICAL STATEMENT.

The Tulane University came into existence as such by operation of the law in July, 1884.

In the year 1882, Mr. Paul Tulane, of Princeton, New Jersey, made a donation of his real estate in the city of New Orleans, to seventeen administrators chosen by himself, for the purpose of aiding the higher education of the white youth of Louisiana. The original donation yielded \$35,000 per annum, which has been more than doubled by subsequent gifts from the same benefactor.

Paul Tulane, the patron of Tulane University, was born May 1801, at Cherry Valley, near Princeton, New Jersey. In November, 1822, he came to New Orleans and entered upon a business career. By the exercise of industry, integrity and sound judgment he won for himself a good name and a handsome fortune. He retired from active business in 1856, and continued to prosper in the management of his estate, and in 1873 moved permanently from New Orleans to the scenes of his childhood in Princeton, N. J., where he had previously purchased for himself a beautiful home. From this retreat of his declining years he continued to dispense his noble charities far and near, and kept himself in active sympathy with his friends and with many correspondents scattered over the country. His affection for the city of New Orleans, where so much of his life had been spent, never wavered, and was manifested by many acts of benevolence.

For many years he seems to have contemplated the establishment of an institution of learning for the benefit of the youth of Louisiana. This purpose took definite shape in the letter of May 2, 1882, donating his property in New Orleans to education, and appointing a Board of Administrators for the care of the same. He continued to make additions to his gifts until, at the time of his death, his donations had aggregated the munificent sum of One Million One Hundred Thousand Dollars.

By his death, March 27, 1887, the University has been deprived of a generous benefactor, a wise counsellor, a steadfast friend.

The Administrators of the Tulane Educational Fund, by a contract with the State of Louisiana in 1884, became the Administrators of the

University of Louisiana in perpetuity, agreeing to devote their income to its development, and to establish thereon the Tulane University of Louisiana.

The University of Louisiana had its origin in the Medical Department, which was established in 1834. This school has numbered among its professors and alumni the most distinguished medical men of Louisiana and the South.

The Constitution of 1879 declared that the University of Louisiana, as then established and located at New Orleans, was thereby recognized in its three departments, to-wit: The Law, the Medical and the Academical Departments, to be governed and controlled by appropriate faculties.

By Act No. 43, passed by the General Assembly of the State at the regular session of 1884, the University became

"THE TULANE UNIVERSITY OF LOUISIANA."

A new Board of Administrators was created, composed of the seventeen administrators of the "Tulane Educational Fund," the Governor of the State, the Superintendent of Public Education, and the Mayor of the city of New Orleans—the last three as *ex-officio* members of the Board.

This Act, No. 43, having been ratified by a large majority of the popular vote at the general election held April 17th, 1888, has become a part of the Constitution of the State.

The Medical Department of the University has now completed the fifty-fourth year of its existence, and has the greatest prestige throughout the Southern States, not only for the ability and distinction of its professors, but for its unsurpassed means of teaching. It has the great Charity Hospital, with its seven hundred beds and six thousand patients annually, as its school of practical instruction. During this period it has matriculated 8583 students, and conferred diplomas on 2329 doctors of medicine and one hundred and seventy-five masters of pharmacy.

The Administrators of the Charity Hospital elect every year fourteen resident students, who are maintained by the institution. Vacancies are filled by competitive examination.

The Law Department was organized in 1847. It has numbered among its professors the most distinguished lawyers of the State, and, though unendowed, a chair in its faculty is esteemed one of the highest honors open to the profession in Louisiana. The civil law is taught here, as the basis of the whole legal superstructure and machinery of the State, as the foundation of its civil code and jurisdiction.

The Academical Department of the University of Louisiana was

opened in the autumn of 1878. It received an annuity of \$10,000 from the State, and met with excellent success for its limited means until absorbed by the Tulane University.

Col. Wm. Preston Johnston, President of the Louisiana State University and Agricultural College at Baton Rouge, was elected President in January, 1883, and authorized to organize an institution of learning under the terms of Mr. Tulane's donation. The acquisition of the University of Louisiana, with its franchises and valuable buildings, gave practical shape to the purposes of the Tulane Board, and supplied the foundation on which to establish a university. It has now fourteen chairs in the University proper, and a High School Faculty, which, with its head-master, has twenty-one professors, assistant professors and instructors. The collection of physical apparatus is quite extensive and of very high grade. The teaching is in great part by laboratory work, and the apparatus is better adapted to this method of instruction than any in the South. The chemical laboratories have been carefully fitted up and are now in a fair state of efficiency, and it is hoped that the sugar manufacture and other industries of the State, through the influence of work done here, will be improved.

The line between university work and collegiate or academic work is sharply drawn. The former is elective and of the most advanced character. The latter is embraced in a series of equivalent curricula extending through seven years, three in the high school and four in the college, all leading to the degree of bachelor of arts, with or without distinction, according to attainment.

A manual training school has been established. It is considered as the workshop or laboratory of the High School for technical training; but other students of Tulane College are admitted to it on easy conditions. It is not intended to teach trades to young men, but to make them experts in the principles and handicraft of wood-working, iron-working and machine construction. The appliances are as nearly perfect and the scheme of instruction as thorough as in any institution in the United States. The effort will be made to dignify and elevate labor without interfering with more abstract pursuits. No revolution in education is aimed at; but rather moral expansion and development, through the cultivation of recognized and valuable mental and physical functions and activities; the whole system constituting a rounded and harmonious evolution of the student as man and citizen.

The libraries of the University, besides the State library of twenty-six thousand volumes, contain about twenty thousand volumes, with a certain fund for increase of some \$2,000 per annum. The largest hospitality is extended to book-lovers and readers.

The institution is Christian, but not sectarian, and this is construed

as extending the largest liberty of invitation to all who love the light of knowledge. The Tulane University is now on the sound basis of a living income, with a corporation secure in its tenure of office and consistent in its plans and purposes, and with the prestige of a State institution and popular favor to aid in its honorable career.

Still further to enlarge the scope and increase the usefulness of the University, Mrs. Josephine Louise Newcomb, widow of Warren Newcomb, of New York City, has generously donated a large sum of money for the endowment of a female college, to be known as "The H. Sophie Newcomb Memorial College in the Tulane University of Louisiana, for the higher education of white girls and young women."

The Administrators of the University having been charged with this noble gift have established the H. Sophie Newcomb Memorial College as a department of Tulane University.

The first annual session was opened Thursday, October 16, 1887. The attendance was good and the outlook is auspicious. Under the management of an efficient Faculty the number of students has steadily increased, and satisfactory progress has been made in the year of organization.

FACULTY AND INSTRUCTORS, 1887-1888.

WM. PRESTON JOHNSTON, LL. D.,
PRESIDENT OF THE UNIVERSITY.

(IN THE ORDER OF ELECTION.)

RANDELL HUNT, LL. D.,
EMERITUS RECTOR OF THE LAW DEPARTMENT; PROFESSOR OF CON-
STITUTIONAL LAW, COMMERCIAL LAW, AND THE LAW
OF EVIDENCE.

T. G. RICHARDSON, M. D.,
PROFESSOR OF GENERAL AND CLINICAL SURGERY.

STANFORD E. CHAILLE, M. D.,
DEAN OF THE MEDICAL DEPARTMENT, PROFESSOR OF PHYSIOLOGY
AND PATHOLOGICAL ANATOMY.

JOSEPH JONES, M. D.,
PROFESSOR OF CHEMISTRY AND CLINICAL MEDICINE.

SAMUEL LOGAN, M. D.,
EMERITUS PROFESSOR OF ANATOMY AND CLINICAL SURGERY.

ERNEST S. LEWIS, M. D.,
PROFESSOR OF GENERAL AND CLINICAL OBSTETRICS AND DISEASES
OF WOMEN AND CHILDREN.

JOHN B. ELLIOTT, M. D.,
PROFESSOR OF THEORY AND PRACTICE OF MEDICINE AND CLINICAL
MEDICINE.

WILLIAM FRANCIS MELLEN, LL. D., Dean of Law Department,
PROFESSOR OF COMMON LAW AND EQUITY JURISPRUDENCE.

RICHARD H. JESSE,
PROFESSOR OF LATIN.

TULANE UNIVERSITY OF LOUISIANA.

J. L. CROSS, A. B. (Va. Military Institute),
PROFESSOR OF MATHEMATICS.

J. HANNO DEILER (Royal Normal College of Munich),
PROFESSOR OF GERMAN LANGUAGE AND LITERATURE.

ALCÉE FORTIER,
PROFESSOR OF FRENCH LANGUAGE AND LITERATURE,

BROWN AYRES, B. Sc. (Stevens Inst.),
(Fellow of Johns-Hopkins University)
PROFESSOR OF PHYSICS AND ASTRONOMY.

ROBERT SHARP, A. M., PH. D. (Leipsic),
PROFESSOR OF GREEK AND ENGLISH.

HENRY CARLETON MILLER,
PROFESSOR OF ADMIRALTY AND INTERNATIONAL LAW.

JOHN M. ORDWAY, A. M. (Dartmouth),
PROFESSOR OF APPLIED CHEMISTRY AND BIOLOGY AND DIRECTOR OF
MANUAL TRAINING SCHOOL.

WM. WOODWARD (Massachusetts Normal Art School),
PROFESSOR OF DRAWING.

HENRY DENIS,
PROFESSOR OF CIVIL LAW AND LECTURER ON THE LAND LAWS OF
THE UNITED STATES.

EDMOND SOUCHON, M. D.,
PROFESSOR OF ANATOMY AND CLINICAL SURGERY.

ASHLEY D. HURT, A. M.,
HEAD MASTER OF THE HIGH SCHOOL AND PROFESSOR OF LATIN.

L. C. REED, A. M.,
PROFESSOR OF ENGLISH.

JOHN R. FICKLEN, B. LET. (University of Va.),
PROFESSOR OF ENGLISH HISTORY AND RHETORIC.

GEORGE GESSNER, A. M.
PROFESSOR OF GREEK

JOHN W. CALDWELL, A. M., M. D.,
PROFESSOR OF CHEMISTRY AND GEOLOGY.

JOSEPH F. JOOR, M. D.,
PROFESSOR OF BOTANY.

ELLSWORTH WOODWARD,
PROFESSOR OF DRAWING.

A. B. MILES, M. D.,
PROFESSOR OF MATERIA MEDICA AND THERAPEUTICS AND HYGIENE
AND CLINICAL MEDICINE.

BRANDT V. B. DIXON, A. M. (Cornell University),
(Late Principal St. Louis High School)
PROFESSOR OF METAPHYSICS AND MENTAL SCIENCE, AND PRESIDENT
OF THE H. SOPHIE NEWCOMB MEMORIAL COLLEGE FOR WOMEN.

FLORIAN CAJORI, M. S. (University of Wisconsin),
PROFESSOR OF APPLIED MATHEMATICS.

RUDOLPH MATAS, M. D.,
DEMONSTRATOR OF ANATOMY.

STIRLING D. KENNEDY, M. D.,
LECTURER ON DISEASES OF THE EYE.

JOHNSTON ARMSTRONG,
ASSISTANT PROFESSOR OF LATIN AND ENGLISH.

ARTHUR S. WHEELER, A. M.,
ASSISTANT PROFESSOR OF PHYSICAL GEOGRAPHY AND BIOLOGY.

ARSENE PERRILLIAT, B. Sc. (Tulane University),
ASSISTANT PROFESSOR OF PHYSICAL SCIENCE AND MATHEMATICS.

CHARLES G. GILL, PH. D.,
ASSISTANT PROFESSOR OF GREEK.

S. P. DELAUP, B. Sc.,
ASSISTANT PROFESSOR OF FRENCH.

J. W. PEARCE, A. M.,
ASSISTANT PROFESSOR OF ENGLISH AND MATHEMATICS.

JOHN H. KENNARD,
INSTRUCTOR IN MATHEMATICS.

JAMES ROHDE,
ASSISTANT PROFESSOR OF SPANISH.

D. R. BUCHANAN,
INSTRUCTOR IN PENMANSHIP AND BOOK-KEEPING.

ALPHONSE F. DELBERT, B. Sc. (Tulane University).
INSTRUCTOR IN DRAWING AND MACHINE CONSTRUCTION.

ROBERT D. AGNEW,
INSTRUCTOR IN ELOCUTION.

HENRY J. MALOCHÉE,
INSTRUCTOR IN DRAWING.

FREDERICK N. KEMP,
INSTRUCTOR IN WOOD-WORKING.

J. O. HASAM,
INSTRUCTOR IN WOOD-WORKING.

VICTOR LEOVY, A. B. (Davidson College),
INSTRUCTOR IN STENOGRAPHY.

H. V. MIELLY,
INSTRUCTOR IN DRAWING.

ERNEST L. DIMITRY,
INSTRUCTOR IN DRAWING.

CHARLES H. CHARLTON,
INSTRUCTOR IN DRAWING.

OTIS ATHERTON,
INSTRUCTOR IN IRON WORKING.

SUMMARY.—FACULTY AND INSTRUCTORS.

PRESIDENT AND PROFESSORS,	-	-	-	-	-	-	-	-	33
ASSISTANT PROFESSORS,	-	-	-	-	-	-	-	-	7
INSTRUCTORS,	-	-	-	-	-	-	-	-	10
									<hr/>
								Total,	50

TULANE UNIVERSITY OF LOUISIANA.

PLAN OF EDUCATION.

Tulane University is an institution for the higher education of the white youth of Louisiana. The Administrators of Tulane University, recognizing the great fact that education is a unit, integral from its very nature, and looking to the actual condition of things in Louisiana, find themselves obliged to embrace in their scheme, a plan broad and deep, and to institute for the successive phases of educational development, a High School, a College and a University. Taking the youth on the threshold of the higher education, this plan proposes, through judicious instruction, to train him to know, to do, and to be, and thus to develop a consistent manhood by means of this harmonious and equable evolution of body, mind and soul.

Tulane University of Louisiana is divided into Tulane High School, Tulane College and the University Department of Philosophy, the Law Department, the Medical Department and the H. Sophie Newcomb Memorial College for Women.

TULANE HIGH SCHOOL.

Three years are allotted to the earlier academic life of the HIGH SCHOOL, which should fit the pupil for the College, or for an ordinary practical business career. Throughout the High School the attempt will be made towards a normal adjustment of that physical, mental and moral training, which is so much praised and so little practiced. The hand, the eye and the muscle are trained by the handwork in wood and iron, which is now admitted to be the true basis of the best mechanical education, and is claimed to confer so many other benefits. We recognize in it a most useful adjunct in all efforts for a harmonious human evolution, and that it has its place in all thoroughly co-ordinated schemes of education.

The purpose throughout is *training*: the means employed are those branches best adapted to considerable bodies of students. But we do not expect, or desire manual training to supersede, or be substituted for, other well established courses of training sanctioned by the experience of wise and conservative men. Our motto is, "Evolution, not Revolution."

Hence the Manual Training School is not a separate department of Tulane University, but the laboratory in wood and iron, where instruction and practice render the student quick, observant and accurate with the eye; ready, skillful and exact with the hand; and able to think *in* things, as well as *about* them, and to execute as well as to describe.

In this physical and mechanical training, Drawing is considered fundamental, and enters into every course. Every student who enters the High School learns to draw as a matter of general instruction, while those who propose to follow a mechanical career must necessarily study with reference to its practical application,—carry it to its last results in the applied arts.

Penmanship and Accounts are also taught as practical studies.

Another branch of knowledge which is taught to every student is Physiology and Hygiene. It is taught in interesting lectures especially adapted to the age and advancement of these young students (and by examination on suitable text-books), and it is believed that this instruction will result in incalculable good.

The instruction in the High School is given in four parallel and equivalent courses of study, to-wit: 1st, Classical. 2d, Literary and Scientific. 3d, Mechanical. 4th, Commercial.

The studies to be pursued in each course are contained in the schedule hereto annexed.

The entire instruction, intended directly for the mental, and indirectly for the moral, development of the pupils, leads to and branches into the five courses of study of the College, which, as set forth more particularly hereafter, are intended to train students with special reference to their chosen pursuits in life. Students pursuing the Commercial Course in the High School are readily admitted to other courses in College under proper conditions.

The High School proposes to give a solid practical education, which shall be exact and thorough, and shall fit the pupil for a further College Course, or for an entry on the apprenticeship of a practical career.

There are three classes in the High School, which are termed Preparatory, Intermediate and Sub-Freshman. To enter the High School requires a good elementary education in Reading, Writing and Arithmetic, including percentage, and its applications, with the ordinary school knowledge of Geography and History, and the elementary principles of English and Grammar.

In the Preparatory Class all the students have the same studies, except where French or German is substituted for Latin, or Bookkeeping and Spanish, or Natural Science is substituted for Greek, as will be observed by referring to the Schedule of Courses of Studies. The studies diverge slightly in the Intermediate Class, and still more widely in the Sub-Freshman Class. But, in all the courses, English, and another language, Mathematics, some elementary Natural Science, Drawing and Wood-Working are taught, and the effort is made to train all the intellectual faculties, while imparting that knowledge which will be found most available in the practical affairs of life.

Three hours are given to recitations, and nearly two hours to Manual Training or Drawing, daily, except Saturdays. Studies must be carried on at home. The opening exercises are at 8:45 A. M.

No student can enter any class, or pass to a higher one, without being fully and really prepared for it, and evincing this preparation by a satisfactory examination.

The student who receives a diploma in the High School will have had thorough training in Drawing and Handworking, in the usual English studies, including Plane Geometry and Algebra, and in a partial course of one or more ancient or modern languages, with some other special requirements named in the schedule.

The student who finishes any one of the four regular courses of the High School will be entitled to a DIPLOMA; and, if he has attained superior excellence, he will be granted a Diploma with Distinction.

TULANE HIGH SCHOOL FACULTY, 1888-'89.

ASHLEY D. HURT, A. M.,
HEADMASTER OF HIGH SCHOOL AND PROFESSOR OF LATIN.

LYMAN C. REED, A. M.,
PROFESSOR OF ENGLISH.

JOHN C. FICKLEN B. L. (University of Virginia),
PROFESSOR OF HISTORY.

J. HANNO DEILER (Royal Normal College of Munich),
PROFESSOR OF GERMAN.

ALCÉE FORTIER,
PROFESSOR OF FRENCH.

WILLIAM WOODWARD (Massachusetts Normal Art School),
PROFESSOR OF DRAWING.

JAMES ROHDE,
ASSISTANT PROFESSOR OF SPANISH.

CHARLES G. GILL, PH. D.,
ASSISTANT PROFESSOR OF GREEK.

J. W. PEARCE, A. M.,
ASSISTANT PROFESSOR OF ENGLISH AND MATHEMATICS.

S. P. DELAUP, B. Sc.,
INSTRUCTOR IN FRENCH AND MATHEMATICS.

LAUNCELOT M. HARRIS, A. B.,
INSTRUCTOR IN LATIN AND ENGLISH.

(To be appointed.)
ASSISTANT PROFESSOR PHYSIOLOGY AND HYGIENE.

JOHN H. KENNARD,
INSTRUCTOR IN MATHEMATICS.

D. R. BUCHANAN,
INSTRUCTOR IN PENMANSHIP AND BOOK-KEEPING.

ALPHONSE F. DELBERT, B. S.,
INSTRUCTOR IN MACHINE CONSTRUCTION AND DRAWING.

GEORGE URQUHART BORDE, A. B.,
Graduate Fellow and
INSTRUCTOR IN NATURAL SCIENCE.

CHARLES O. MAAS, A. B.,
Graduate Fellow and
INSTRUCTOR IN PHYSICS.

HENRY J. MALOCHÉE,
INSTRUCTOR IN DRAWING.

OTIS ATHERTON,
INSTRUCTOR IN IRON-WORKING.

J. O. HASAM,
INSTRUCTOR IN WOOD-WORKING.

FREDERICK N. KEMP,
INSTRUCTOR IN WOOD-WORKING.

TULANE HIGH SCHOOL.

CLASS.	CLASSICAL COURSE.	Hours per Week.	LITERARY AND SCIENTIFIC.	Hours per Week.	MECHANICAL COURSE.	Hours per Week.	COMMERCIAL COURSE.	Hours per Week.
SUB-FRESHMAN	English.....	5	English.....	5	English.....	5	English.....	5
	Mathematics.....	5	Mathematics.....	5	Mathematics.....	5	Mathematics.....	5
	Latin.....	5	Latin.....	5	French or German.....	5	French or German.....	5
	Greek.....	5	Drawing.....	5	Drawing.....	5	Spanish.....	5
	Elocution.....	5	Manual Training.....	5	Manual Training.....	5	Book-keeping and Accounts.....	5
	Physiology and Hygiene.....	1	Elocution.....	2	Elocution.....	2	Physiology and Hygiene.....	1
	History of Greece and Rome.....	2	Physiology and Hygiene.....	1	Physiology and Hygiene.....	1	Physical Science.....	3
	Physical Science.....	3	Physical Science.....	3	Physical Science.....	3	History of Greece and Rome.....	2
			History of Greece and Rome.....	2	History of Greece and Rome.....	2		
INTERMEDIATE	Elocution.....	2	Elocution.....	2	Elocution.....	2	Elocution.....	2
	English.....	5	English.....	5	English.....	5	English.....	5
	Mathematics.....	5	Mathematics.....	5	Mathematics.....	5	Mathematics.....	5
	Latin.....	5	Latin.....	5	French or German.....	5	French or German.....	5
	Drawing.....	5	Drawing.....	5	Drawing.....	5	Drawing.....	5
	Manual Training.....	5	Manual Training.....	5	Manual Training.....	5	Manual Training.....	5
	Greek.....	5	Natural Science.....	3	Natural Science.....	3	Spanish.....	5
			Penmanship.....	1	Penmanship.....	1	Penmanship.....	1
			Book-keeping.....	2	Book-keeping.....	2	Book-keeping.....	2
PREPARATORY	English.....	5	English.....	5	English.....	5	English.....	5
	Reading.....	1	Reading.....	1	Reading.....	1	Reading.....	1
	History.....	1	History.....	1	History.....	1	History.....	1
	Latin.....	5	Latin.....	5	French or German.....	5	French or German.....	5
	Mathematics.....	5	Mathematics.....	5	Mathematics.....	5	Mathematics.....	5
	Penmanship.....	3	Penmanship.....	3	Penmanship.....	3	Penmanship.....	3
	Drawing.....	5	Drawing.....	5	Drawing.....	5	Drawing.....	5
	Manual Training.....	5	Manual Training.....	5	Manual Training.....	5	Manual Training.....	5

ROLL OF HIGH SCHOOL STUDENTS.

SESSION 1887-88.

PREPARATORY CLASS.

NAMES OF STUDENTS.	COURSE.	ADDRESS.	PARENT OR GUARDIAN.
ADLER, JULIUS.....	L. & S..429	Canal.....	A. Adler.
AUGUSTIN, CHARLES D.....	Mech...321	Bourbon.....	Mrs. J. Augustin.
BALDWIN, ROBERT H.....	Com ...248	Thalia.....	J. H. Baldwin.
BOURGEOIS, FAURIE.....	Mech...341	Elysian Fields....	H. Bourgeois.
BEEBE, HENRY B.....	Mech...458	Esplanade.....	H. Beebe.
BESS, JULIAN G.....	Com ...167	Second.....	C. H. Bess.
BORMAN, JOSEPH A.....	Mech...88	Erato.....	A. Borman.
BRUNET, WILLIAM A.....	Mech...125	Constance.....	R. H. Brunet.
BUDDECKE, CHAS. B. JR.....	Com ...485	Magazine.....	C. B. Buddecke.
BUSH, RUFUS C.....	Mech...334	Canal.....	C. S. Bush.
BRITTON, JOHN D., JR.....	L. & S..Gen.	Taylor & Caron..	J. D. Britton.
BLOCK, JAMES W. D.....	Com...472	St. Charles.....	Henry Block.
BENNETT, HENRY.....	Mech...500	Canal.....	R. H. Benners.
BRADY, EDWIN.....	Mech...Waggaman	P. O. La..	Jas. S. Brady.
CALHOUN, J. DUDLEY.....	Com...178	Peniston.....	J. Calhoun.
CHENET, ARMAND.....	Mech...Mt. Airy	P. O., La..	J. V. Chenet.
CAMPBELL DENNIS J., JR.....	L. & S..Joseph & St. Charles..		D. J. Campbell.
CHRISTIAN, CHARLES G.....	L. & S..Peters & Jeannette...		P. J. Christian.
CHALARON, ANDREW.....	Mech...63	Esplanade.....	J. A. Chalaron.
COUSIN, JOSEPH R.....	Com...St. Tammany	Par....	A. Cousin.
CONNIFF, JOHN R.....	L. & S..392	Seventh.....	J. H. Conniff.
DEBERGUE, EDWARD J.....	Mech...450	Dryades.....	A. DeBergue.
DEICHMAN, WILLIAM.....	Mech...256	Gravier.....	C. Deichman.
DUVAL, EDWARD.....	Com...231	Calliope.....	C. Barrios.
EVERETT, JOHN.....	Mech...594	St. Claude.....	J. Everett.
ELLIOTT, JOSEPH H.....	Class...1st & Prytania.....		Dr. J. B. Elliott.
FITCH, FRANK.....	Class...315	Baronne.....	H. L. Fitch.
FORTIN, LOUIS.....	Com...71	Dublin.....	Mrs. M. H. Fortin.
FAYSSOUX, WILLIAM.....	L. & S..193	Seventh.....	C. J. Fayssoux.
GOMEZ, ERNEST J.....	Mech...186	Orleans.....	W. Gomez.
GONZALES, FELIX A.....	L. & S..80	Clouet.....	F. V. Gonzales.
GRANT, C. BULLITT.....	L. & S..994	St. Charles.....	Wm. Grant.
GREVENIG, EMILE.....	Mech...379	Magazine.....	Mrs. E. Grevenig.
GILL, THOMAS M., JR.....	Class...349	Carondelet.....	T. M. Gill.
GOODWIN, WALTER A.....	Mech...Algiers, La.....		J. B. Goodwin.
GREENWOOD, HARDY.....	L. & S..199	Ninth St.....	Mrs. A. H. Greenwood
HARDIE, HENRY W.....	Class...228	Philip.....	Jno. T. Hardie.
HAILE, HUDSON B.....	L. & S..198	Peters Ave.....	C. V. Haile.
HOEFELD, HERMANN.....	Mech...352	St. Peter.....	H. Hoefeld.
HOLDERNESS, JAMES C.....	Mech...302	Jackson.....	H. Holderness.
HASKELL, WILLIAM T.....	L. & S..New Iberia, La.....		Maj. J. C. Haskell.
ISLE, SIDNEY G. de l'.....	L. & S..150	St. Peter.....	C. G. de l' Isle.

- JONES, ACKLAND H.....L. & S.156 Felicity.....Mrs. W. P. Jones.
 KERN, EDWARD.....Com..92 Annunciation.....W. Kern.
 KRONENBERGER, GUSTAVE G...Com..51 Napoleon Ave.....G. Kronenberger.
 LALLY, JOHN.....Mech ..84½ St. Andrew.....M. G. Lally.
 LEIDENHEIMER, JACOB F....L. & S.302 Baronne.....G. J. Antz.
 LION, LEON E.....Com ...240 Burgundy.....L. Lion.
 LYMAN, GUY S.....L. & S.121 Carrollton Ave....Wm. R. Lyman.
 LOGAN, GEORGE KING.....L. & S.241 Prytania.....Dr. Sam'l Logan.
 LABARRE, ROBERT J.....Mech ..Galvez and Dabadie...C. V. Labarre.
 MAIER, JULIUS.....Mech ..303 Ursulines.....Otto T. Maier.
 MAIER, ALEXANDER E.....Mech ..303 Ursulines.....Otto T. Maier.
 MEADER, HERMANN L.....Com ...183 Julia.....H. Meader.
 MONLEZUM, JOHN.....Mech ..9 Palmyra.....J. Monlezum.
 NEWMAN, JACOB W.....Mech ..294 St. Charles Ave..H. Newman.
 NUNEZ, NEMOURS.....Mech ..Arabi, La.....E. E. Nunez.
 O'DONNELL, ROBERT W....L. & S.380 N. Rampart.....Lawrence O'Donnell
 PRINCE, MYER J.....Com ...187 Poydras.....E. Prince.
 PALFREY, HENRY W....Mech ..634 Camp.....J. W. Kearny.
 PEYROUX, ALPHONSE.....Mech ..12 Chartres.....A. Peyroux.
 RAYMOND, CHARLES L., JR..Mech ..Lapeyrouze & DerbignyC. L. Raymond.
 REED, LYMAN C., JR.....Class...Camp and Leontine...Prof. L. C. Reed.
 ROCA, EUGENE L.....Mech ..203 Esplanade Ave....L. Roca.
 RUSSELL, ERNEST H....L. & S.229 St. Joseph.....Mrs. M. L. Russell.
 REBENTISCH, WILLIAM G....Com ...98 First.....C. G. Rebentisch.
 STEEG, ADOLPHUS W.....Com ...322 Baronne.....A. Steeg.
 STOKES, HOBART H.....Com ...480 Chartres.....Rev. C. S. Hedges.
 SAVOY, FRANK.....Mech ..Church Point, La....François Savoy.
 VALLON, PIERRE.....Com ...10 St. Peter.....L. Vallon.
 VENABLES, VERNON...Mech ..1008 St. Charles Ave...R. S. Venables.
 VILLAVASO, J. ERNEST, JR...Com ...Hall's Row, Coliseum..E. Villavaso.
 WHEAT, GEORGE W.....L. & S.Lower Line & St. Chas.Mrs. G. W. Wheat.
 WEILBAECKER, FREDERICK A.L. & S.Delery and DelarondeA. Weilbaecker.
 WILKINSON, SAMUEL.....Com ...244 Baronne.....H. W. Wilkinson.
 WOOTEN, ROBERT A.....Com ...454 Magazine.....W. L. Wooten.
 WADSWORTH, STEWART.....L. & S.440 Prytania.....J. A. C. Wadsworth
 WHITE, AARON A.....Com ...389 Baronne.....Dr. H. A. White.

INTERMEDIATE.

- ALEXIUS, CARL.....Mech ..1483 Tchoupitoulas...J. C. Alexius.
 ANDRIEU, EUGENE A.....Mech ..215 Dauphine.....Jules Andrieu.
 ARMSTRONG, FRANK DUVAL..L. & S.Care Rice, Born & Co.Mrs H. S. Armstrong
 ANDREWS, BENJAMIN, JR....L. & S.179 Jackson.....Benj. Andrews.
 BACKUS, SAMUEL H.....L. & S.5 North.....Mrs. B. Backus.
 BARNES, C. SAMUEL.....Com...165 Erato.....Prof. C. A. Barnes.
 BAUMAN, JOSEPH.....Com...Delachaise and Const.G. F. Bauman.
 BEER, JOSEPH WOLF.....L. & S.197 Girod.....F. Beer.
 BLAFFER, LOUIS A.....L. & S.927 Camp.....J. A. Blaffer.
 BLAKEMORE, ALLEN BRUCE...Class ..280 St. Andrew.....W. T. Blakemore.
 BRIDWELL, CHARLES F.....L. & S.382½ Camp.....H. F. Bridewell.
 BURN, THOMAS MOORE.....Mech ..St. Tammany, La.....S. J. Blossman.
 BLEAKLEY, ROBERT S.....Com ...224 Delord.....R. Bleakley.
 BLOCK, JOHN T., JR.....Com ...87 Melpomene.....John T. Block.
 BUCK, CHARLES F., JR.....L. & S.118 Valence.....Chas. F. Buck.

CALDWELL, BENJ. PALMER...L. & S. 63 Prytania.....Prof. J. W. Caldwell.
 CAMPBELL, WILLIAM S.....L. & S. 277 Jackson.....W. S. Campbell.
 CARTER, BENJAMIN PALMER..L. & S. Amite City, La.....T. L. Carter.
 CHEVREMONT, THEODORE....L. & S. 228 Royal.....T. Chevrement.
 CHEVREMONT, LOUISCom...228 Royal.....T. Chevrement.
 CUNNINGHAM, WILLIAM T....L. & S. 61 Royal.....M. J. Cunningham..
 CHRISTIAN, PAUL J., JR.....L. & S. Peters Av. & JeannetteP. J. Christian.

DASPIT, JOSEPH O.....L. & S. Houma, La.....O. Daspit.
 DIXON, JAMES CARSON.....Class..La. Ave. and Camp....Prof. B. V. B. Dixon..
 DUPUY, JOS. F., JR.....Mech...Iberville Parish, La...J. F. Dupuy.
 DYMOND, WILLIAM.....L. & S. Fourth and Chestnut..John Dymond.
 DENIS, HENRY R.....Class...43 North Rampart....Henry Denis.

ESTOPINAL, FERNAND.....Com...St. Bernard, La.....A. Estopinal.
 ELLIS, ROBERT L.....Class...Amite, La.....T. C. W. Ellis.
 EASTMAN, MOSES.....Com...Birmingham, Ala.....J. E. Eastman.

FORSYTH, DOUGLAS.....Class...215 Louisiana Ave....H. D. Forsyth.
 FOX, RAYMOND B.....L. & S. Jesuits' Bend, La...Dr. D. R. Fox.
 FAIRCHILD, FRED.....Com...475 Carondelet.....H. W. Fairchild.
 FORTIER, POLYCARPE W.....Class...Hurst & Joseph.....Mrs. C. L. Fortier.

GAIDRY, WILFRID J.....L. & S. Houma, La.....A. Gaidry.
 GARLAND, ERNEST H.....Com...732 St. Charles Ave...A. Martin.
 GIVEN, RICHARD A.....Com...228 Eighth.....Major D. A. Given..
 GOLDBERG, ABE.....L. & S. Waterproof, La.....M. Goldberg.
 GOMILA, ARTHUR T.....Mech...1579 St. Charles Ave..Mrs. A. J. Gomila.
 GOODE, PROSPER K.....L. & S. Thibodeaux, La.....H. C. Arthur.
 GUILLAUD, ANDREW.....Com...Algiers, La.....L. Guillaud.

HACKNEY, ROBERT.....Mech...483 South Rampart...R. H. Hackney.
 HARDIE, ROBERT T.....Class...229 Jackson Ave.....W. T. Hardie.
 HARDEE, GEORGE A.....L. & S. 168 Fourth.....Mrs. H. S. Hardee..
 HARDIE, LEWIS H.....L. & S. 228 Philip.....John T. Hardie.
 HARRIS, CHARLES S.....Mech...90 Esplanade.....Alex. Harris.
 HARRIS, ALEXANDER, JR....Mech...90 Esplanade.....Alex. Harris.
 HARRIS, WALTER J.....L. & S. 547 Carondelet.....Edwin Harris.
 HAULARD, MARCEL.....L. & S. 245 Bourbon.....L. Haulard.
 HENDERSON, ANDREW H.....L. & S. 915 Camp.....Wm. Henderson..
 HERNSHEIM, ALFRED.....Mech...659 St. Charles Av....I. Hershheim.
 HOLDEN, GEORGE F.....Com...95 Prytania.....C. M. Holden.

JONES, HAMILTON P.....L. & S. 156 Washington Av...Dr. Joseph Jones.

KITTREDGE, IVY G.....L. & S. Assumption Par., La..J. G. Kittredge.
 KAUFMAN, JOSEPH.....L. & S. 205 Philip.....Louis Kaufman.
 KENNON, CHARLES E.....L. & S. Tangipahoa Par., La..Mrs. S. Kennon.
 KITZIGER, FREDERICK J....Mech...95 Euterpe.....F. E. Kitziger.
 KNICKERBOCKER, HUBERT D..L. & S. 395 Carondelet.....R. W. Knickerbocker..
 KRUMBHAAR, W. BUTLER, JR..Mech...369 Carondelet.....W. B. Krumbhaar.
 KRUMBHAAR, CHARLES C....Mech...369 Carondelet.....W. B. Krumbhaar.

LANDRY, LOUIS.....Mech...47 Customhouse.....N. Landry.
 LE BRETON, CHARLES.....Mech...Mt. Airy, La.....E. LeBreton.
 LEWIS, CHARLES U., JR....L. & S. Algiers, La.....C. U. Lewis.
 LAMBERT, CHARLES.....L. & S. 60 Prytania.....F. A. Lambert.

MCCRACKEN, WM. B.....Class...367 Canal.....Rv. W. C. M'Cracken.
 MONTAGNET, OCTAVE.....Mech...201 St. Philip.....O. H. Montagnet.
 MALOCHEE, ALFRED P.....L. & S. 51 Esplanade.....P. Malochée.
 MOORMAN, THOMAS M.....Com...144 St Charles.....Col. Geo. Moorman.
 MOSS, RUSSELL JACOB.....Mech...61 Lesseps.....Mrs. A. Moss.

O'DONNELL, ALEX. C.....Class...383 N. Rampart.....Lawrence O'Donnell

PEMBERTON, JOHN P.....L. & S..345½ Burgundy.....Mrs. W. Pemberton.
 PERRILLIAT, LOUIS.....L. & S..6 St. Anne.....C. Perrilliat.
 PORTER, SIDNEY D.....Com...438 Josephine.....Mrs. A. A. Porter.
 POLLOCK, ERNEST E. C.....L. & S. Algiers, La.....G. W. Pollock.
 POLLOCK, GEORGE E.....Com...291 Royal.....John F. Pollock.

REILY, JAMES.....L. & S..334 Second.....Mrs. M. R. Reily.
 ROSSNER, GEORGE.....L. & S..Gretna, La.....C. W. Rossner.
 RAPP, JAMES H.....Class...Vicksburg, Miss.....J. K. Rapp.

SCHAYOT, VALERY O.....L. & S..Pointe-à-la-Hache.....Emile Schayot.
 SCHNEIDAU, ARTHUR J.....Mech...201 Esplanade Ave....O. M. Schneidau.
 SHAW, GUY A.....L. & S..Loreauville, La.....Dr. A. G. Shaw.
 STEVENSON, WILLIAM L.....Mech...61 Jackson.....J. A. Stevenson.
 SCOTT, JOSEPH T.....L. & S..209 Prytania.....Dr. J. T. Scott.

TEBAULT, GRANTLAND L.....L. & S..7 North.....Dr. C. H. Tebault.

VOORHIES, JOHN.....Com...171 Gravier.....P. E. Voorhies.

WATKINS, WILLIAM R.....L. & S..296 Baronne.....J. T. Watkins.
 WALMSLEY, BENJAMIN M....Class...First and Camp.....R. M. Walmsley.
 WATERMAN, CHARLES C.....L. & S..240 Jackson.....T. S. Waterman.
 WILLOZ, VICTOR L.....Mech...215 Dumaine.....A. Willoz.
 WOLF, LEON.....Mech...349 Magazine.....Chas. Wolf.

SUB-FRESHMAN.

ABBOTT, JOHN WILLIAM.....Mech...292 State.....A. L. Abbott.
 AIREY, JOSEPH A.....Mech...1329 St. Charles.....T. L. Airey
 ALCALA, FRANK A.....Com...401 Villeré.....F. A. Alcala.
 ARMBRUSTER, FREDERICK W..Mech...16 S. Derbigny.....B. Armbruster.

BARKLEY, WILLIAM J.....L. & S..137 Prytania.....John Barkley.
 BARNETT, MAURICE.....Class...124 Esplanade Ave....Louis Barnett.
 BREAUX, GUSTAVE A., JR....L. & S..380 Prytania.....G. A. Breaux.

CALDWELL, JOHN W., JR....L. & S..63 Prytania.....Prof. J. W. Caldwell.
 CHRIST, ROBERT.....L. & S..51 N. Rampart.....J. Christ.
 CHRIST, EMILE.....L. & S..51 N. Rampart.....L. Christ.
 CAMPBELL, JOHN B.....L. & S..334 Second St.....Wm. Campbell.
 COLEMAN, H. DUDLEY, JR....Mech...1169 St. Charles Ave..H. D. Coleman.
 COSBY, CHARLES V.....L. & S..242 Philip.....R. E. Craig.

DINKELSPIEL, EDWARD.....L. & S..286 Philip.....M. Dinkelspiel.
 DUDENHEFER, FERDINAND P..Mech...71 Louisa.....F. Dudenhefer.
 DUFOUR, ELMORE G.....Mech...173 Carondelet.....E. Dufour.
 DUSON, WALTER W.....L. & S..Crowley, La.....C. C. Duson.
 DUPRE, HENRY G.....L. & S..Opelousas, La.....L. Dupré.

ELIZARDI, JAMES W.....Mech...114 Mandeville.....P. Elizardi.
 ENDOM, GUSTAVE N.....L. & S..Monroe, La.....F. Endom.
 ELLIS, THOMAS C. W., JR....L. & S..Amite, La.....T. C. W. Ellis.
 EDWARDS, WILLIAM P.....L. & S..Abbeville, La.....W. W. Edwards.

FORSYTH, WILLIAM B.....Class...215 Louisiana Ave....H. D. Forsyth.
 FOX, JOHN A.....L. & S..Jesuits, Bend, La.....Dr. D. R. Fox.
 FRANTZ, WILLIAM L.....Com...355 Elysian Fields....Wm. Frantz.
 FOURNET, JOSEPH G.....L. & S..Lake Charles, La.....G. A. Fournet.

GENELLA, ALPHONSE.....L. & S..Soniat & Chestnut....Chas. Genella.
 GREVENBERG, LOUIS C.....Mech...Jeanerette, La.....Louis Grevenberg.

HAYWARD, SAWYER.....L. & S..157 Annunciation....S. Hayward.
 HERNANDEZ, EMILE P.....Mech...245 N. Rampart.....E. Hernandez.

HONOLD, GEORGE C.....	L. & S..212	Carondelet.....	Mrs. C. Honold.
HUGHES, WILLIAM C.....	Mech...	Rocky Mount, La.....	W J. Hughes.
HUGUET, CHARLES, K.....	L. & S..314	Carondelet.....	H. S. Bell
JOOR, SAMUEL F.....	L. & S..939	Laurel.....	Prof J. F. Joor.
LANGBEHN, FRANK E.....	Com...229	Front	F. Rickert.
LANGBEHN, EDWARD	Mech...283	Magazine.....	E. Rickert.
LANPHIER, EDWARD S.....	L. & S..212	Seventh.....	J. S. Lanphier.
LOGAN, JAMES H.....	Class...	Richmond, Va.....	Dr. Sam'l Logan.
McCALEB, THOMAS.....	Class....580	St. Charles.....	E. H. McCaleb.
MEHLE, ALLEN.....	L. & S..259	Johnson.....	C. Mehle.
MIELLY, EDMUND F.....	Mech...245	Soniat.....	V. Mielly.
MITCHELL, FINLEY G.....	L. & S..366	St. Charles.....	Mrs. C. C. Mitchell.
MOORE, DANIEL.....	L. & S..	Sugartown, La.....	J. W. Moore.
MOHS, HENRY L.....	Com...362	St. Thomas.....	H. Moths.
MEYERS, WILLIAM A.....	L. & S..	Pointe-à-la-Hache, La.	B. Meyers.
MORSE, MATTHEW.....	L. & S..	Algiers, La.....	M. A. Morse.
NATHAN, EDWARD.....	Mech...311	Carondelet.....	Chas. Nathan.
O'NIELL, CHARLES A.....	Class...	Franklin, La.....	Col. John A. O'Niell.
PALFREY, ROBERT J.....	Mech...287	Bayou Road.....	G. W. Palfrey.
PALFREY, RICHARD H.....	Mech...287	Bayou Road.....	G. W. Palfrey.
PARKER, ARTHUR D.....	L. & S..294	Prytania.....	John M. Parker.
PATTON, CHARLES S. L.....	Class...	Lisbon, La.....	Mrs. N. Patton.
PEETE, WILLIAM R.....	L. & S..	Amite City, La.....	G. A. Peete.
PERKINS, W. M.....	Class...109	Coliseum.....	Mrs. B. Perkins.
PHILIPPE, FRANCOIS C.....	Com ...66	Chartres.....	F. C. Philippe.
RAINOLD, EMILE F. A.....	L. & S..501 1/2	Baronne.....	E. F. Rainold.
RICHARDSON, WILLIAM C....	Com ...247	Felicity.....	Col. J. B. Richardson
RICHARDSON, JOHN S.....	Com ...247	Felicity.....	Col. J. B. Richardson
RICHARDSON, THOMAS F.....	L. & S..279	Foucher.....	Maj H. B Richardson
ROEHL, FRED. A.....	L. & S..132	Constance.....	H. Roehl.
ROSEN, CHARLES.....	L. & S..	Bayou Sara, La.....	Mrs. D. Alexander.
ROWLAND, HAMILTON T.....	L. & S..176	Peniston.....	J. G. Rowland.
SEEMAN, EDGAR G.....	L. & S..420	Camp.....	George Seeman.
SEGRAVE, WILLIAM T.....	Com ...64	Louisa.....	J. J. Segrave.
SOCOLA, SAN REMO.....	Mech...138	Decatur.....	A. Socola.
ST. MARTIN, ARMAND.....	L. & S..	St. Charles Parish, La.	P. E. St. Martin.
THIBAUT, PETER ARTHUR....	Class...12	St. Anne.....	James Thibaut.
THOMAS, JOHN R.....	Mech...240	Esplanade Ave....	Gen. A. Thomas.
TREPAGNIER, NORBERT.....	Mech...Algiers, La.		N. Trépagnier.
TURNER, JAMES W.....	Mech...128	Mandeville.....	Lawrence Turner.
TRAHAN, ANATOLE RAOUL....	L. & S..	Lafayette, La.....	J. D. Trahan.
WALLS, WILLIAM E.....	L. & S..	Algiers, La.....	R. Walls.
WATKINS, LEIGH.....	L. & S..296	Baronne.....	J. T. Watkins.
WIGHT, IRA EDWARD.....	Mech...290	Prytania.....	Pearl Wight.
WALL, WILLIAM WINANS....	L. & S..	Clinton, La.....	Ira. B. Wall.
YOUNGS, ELIAS H., JR.....	Mech...Boutté, La.		E. H. Youngs.

HIGH SCHOOL ROLL.

PREPARATORY CLASS.....	78
INTERMEDIATE "	90
SUB-FRESHMAN "	76
TOTAL.....	244

Detailed Statement of Work in the Several Courses.

ENGLISH.

PROFESSOR REED, PROFESSOR FICKLEN, ASSISTANT PROFESSOR PEARCE,
INSTRUCTOR HARRIS.

With a complete knowledge of the contents of such elementary books as Abbott's "How to Tell the Parts of Speech" and Reed and Kellogg's "Graded Lessons in English," the student advances carefully in etymology and syntax by methods and text-books approved by the professor in charge, practising English composition through the whole course of three years. In the Sub-Freshman Class an effort is made to interest the student in the study of the history and correct meaning of the words of our language, and the best lexicons are daily consulted in the class for etymology and definition.

Text-Books are:

PREPARATORY: Swinton's Grammar; Dalgleish's Analysis; Scudder's History of the United States; Dictation Exercises.

INTERMEDIATE: Scudder's History (completed); Chittenden's Elements of Composition; Exercises, Composition and Criticism.

SUB-FRESHMAN: Anderson's History of England; Science Etymology; Skeat's Dictionary, Abridged; Selections from American Authors; Exercises in Composition and Criticism.

LATIN.

PROFESSOR HURT. INSTRUCTOR HARRIS.

Latin in the High School is begun in the Preparatory Class in the Classical, Literary and Scientific courses, and is continued through three years.

PREPARATORY CLASS: Gildersleeve's Latin Primer.

INTERMEDIATE CLASS: Gildersleeve's Latin Primer finished; Gildersleeve's Grammar, Reader; Exercise Book begun.

SUB-FRESHMAN CLASS: Gildersleeve's Grammar and Reader; Exercise Book continued; Cæsar.

GREEK.

ASSISTANT PROFESSOR GILL.

Greek is taught in the Classical Course and is begun in the Intermediate Class.

INTERMEDIATE CLASS: Hadley and Allen's Grammar; Keep's Greek Lessons; Xenophon (one book).

SUB-FRESHMAN CLASS: Hadley and Allen's Grammar; Jones's Greek Prose Composition; Xenophon (three books); Fyffe's History of Greece.

MATHEMATICS.

ASSISTANT PROFESSOR PEARCE. INSTRUCTORS HARRIS AND KENNARD.

For admission to the Preparatory Class in the High School, applicants are required to be proficient in Arithmetic through Percentage and its applications (242 pages in Nicholson's Complete Arithmetic or an equivalent amount of work in some other book).

PREPARATORY CLASS: Arithmetic completed. Algebra begun.

INTERMEDIATE CLASS: Algebra through Quadratics. Arithmetic reviewed.

SUB-FRESHMAN CLASS: Geometry (six books). Algebra reviewed.

Text-Books:

PREPARATORY CLASS: Wentworth & Hill's Practical Arithmetic. Wentworth's Elements of Algebra (shorter course).

INTERMEDIATE CLASS: Wentworth's Complete Algebra. Wentworth & Hill's Arithmetic.

SUB-FRESHMAN CLASS: Wentworth's Plane and Solid Geometry. Wentworth's Complete Algebra.

FRENCH COURSE.

PROFESSOR FORTIER. ASSISTANT PROFESSOR DELAUP.

In the Mechanical and Commercial Courses of the High School, French or German must be taken; beginning in the Preparatory year, it is continued throughout three years.

The object in view is to give the student a thoroughly practical knowledge of the language, especially in reading and speaking it. For that purpose a good deal of time is devoted to reading standard French works, and for a year and a half nothing but French is used in the class room.

Text-Books used:

PREPARATORY CLASS: First French Course (Chardenal); Choix de Contes Contemporains (O'Connor).

INTERMEDIATE CLASS: Second French Course (Chardenal); History of France (Anderson); Choix de Contes Contemporains (O'Connor); Mlle. de la Seiglière (Jules Sandeau); Le Cid (Cornellie).

SUB-FRESHMAN CLASS: Deuxième Année de Grammaire (Larive et Fleury); Primer of French Literature (Saintsbury); Gasc's Translator; Britannicus (Racine); l'Avare (Molière); Hernani (V. Hugo).

GERMAN COURSE.

PROFESSOR J. HANNO DEILER.

There is a three years' Course of German in the High School which may be taken by students of the Commercial and Mechanical Courses in place of French.

Those that begin French in the High School will study German in College, in the Junior and Senior years of their respective courses.

PREPARATORY CLASS: Eysenbach's German Grammar; Conversation; Narrative Prose.

INTERMEDIATE CLASS: Finish Eysenbach's Grammar; Reading; Conversation; Geography of the German Empire.

SUB-FRESHMAN CLASS: Review of Grammar; Political History of Germany and History of German Literature; Conversation; Exercises in German Composition; Selections from Classical Writers.

SPANISH.

PROFESSOR ROHDE.

This study is begun in the Intermediate Class of the Commercial Course, and is pursued two years.

Text-Books:

Robertson's Spanish Course; Mantilla's Readers; Blanco's Hand-Book for Spanish Conversation; Primer of Spanish Literature; Spanish History.

BOOK-KEEPING AND PENMANSHIP.

INSTRUCTOR BUCHANAN.

Every pupil in the Preparatory Class receives systematic instruction in Penmanship. In the Intermediate Class members of the Classical Course only are excepted. In the Sub-Freshman Class, students in the Commercial Course are adequately instructed in Book-Keeping, the most approved methods of the art being daily employed.

ELOCUTION.

In this department pupils are trained for three years in the art of expressing thought and feeling by voice and gesture. The voice, as the great common vehicle of thought, is educated in all its various keys and modes of utterance, and the postures of the human body in the emergencies of thought and emotion are carefully studied and imitated. Pupils in the Preparatory Class are instructed in reading aloud extracts from the best English authors, while members of the Intermediate and Sub-Freshman classes are taught to reproduce from memory, with all the graces of physical expression, the most distinguished oratorical and poetical gems of our language. The incidental exercise of the memory is not the least of the advantages of this department.

The principal text-book is "Bell's Elocution," though liberal use is made of material from the whole range of English literature.

NATURAL SCIENCE.

INSTRUCTOR BORDE.

The object of this course is the study of the elements of Botany and Zoölogy. Effort is made to train and develop that natural fondness for animals and plants which almost all young persons possess and which they evince at an early period, and to furnish young students, by guidance, every opportunity to observe Nature in the woods and fields, in the streets and gutters, under the electric light (the great rendezvous of insects), in the market place, nay, everywhere that their innocent inquisitiveness may lead them.

There are three recitations a week, two in Botany and one in Zoölogy. In addition, students are expected to attend some of the Saturday excursions to the many places of scientific interest made accessible to the Natural Science Classes by the generosity of several of the railroads entering New Orleans.

Text-Books:

Youman's Botany; Morse's First Book of Zoölogy.

PHYSICS.

INSTRUCTOR MAAS.

Elementary Physics is taught by text-book and lecture three times a week to the whole Sub-Freshman Class, and is, by means of the valuable aid of the apparatus in the University laboratory, so practically presented as to be not only an adequate preparation for the further prosecution of the subject in the College, but a source of pleasure and usefulness to those whose education will be completed in the High School.

Text-book: Gage's Elements of Physics.

PHYSIOLOGY AND HYGIENE.

INSTRUCTOR — — — — —.

Students of the Sub-Freshman Class will receive instruction twice a week for half a year in this useful and interesting department of knowledge. Proper text books, charts, the manikin, and the excellent physiological preparations of the University will furnish sufficient means of illustrating the subject.

MANUAL TRAINING.

PROFESSOR JOHN M. ORDWAY, DIRECTOR.

As Manual Training is found to be a valuable adjunct to intellectual cultivation, a considerable amount of practice in wood-working is required even in the Classical Course of the High School. In the other courses

the manual instruction is carried farther and includes pattern-making, forging iron and steel. The work proceeds step by step from the easier to more difficult operations, and is calculated to impart a fair degree of skill and a general practical knowledge of tools, materials, methods and principles, rather than that nicety of execution which can be acquired only by long, time-consuming practice within a limited range.

The exercises are selected with reference to healthy muscular development, and by a suitable alternation of shop work with class-room studies the pupil is enabled to make more real progress in intellectual growth within the school years than can be gained by fatiguing devotion to study alone. The interest of the student is stimulated by keeping in view utility or beauty in the objects constructed. The shop work manipulation constitutes an excellent preparation for subsequent laboratory practice of all kinds. Or, should the student be obliged to terminate his schooling with a high school course, the manual training will be of great advantage in fitting him for his life work, whatever occupation he may engage in. Education in which the manual element has a share is particularly suitable for those who are to assist in developing the industrial resources of the country.

DRAWING.

Drawing is considered as a language or mode of expressing ideas, and as being therefore not less important than linguistic study, on account of its disciplinary as well as its direct practical value. All the High School pupils are taught more or less of free hand or mechanical drawing and design, according to the needs of the different Courses. While the artistic side is not altogether neglected, attention is directed mainly to the industrial aspects of the subject. The exercises consist mostly in drawing directly from the objects, while the pupil is also instructed in the various auxiliary geometrical problems and the conventional devices which facilitate clear expression. The student is expected to observe constantly the relation of the object to the mode of its representation and to become self-directing, without wasting time in copying the delineations of others. As the work advances the imagination is cultivated by the consideration of projections and shadows, and by drawing ideal sections, by sketching from memory, and by making original designs.

In the examinations, pupils are questioned on the principles of illustration and are expected to make time sketches or designs.

For the mechanical drawing each one must provide himself with a set of drawing instruments.

CONDITIONS OF ADMISSION.

For admission to the Preparatory Class of the High School, pupils must be twelve years of age, of good moral character, and must be proficient in Reading, Writing, School Geography, Arithmetic through Percentage and its applications, and in Reed and Kellogg's Graded Lessons in English, or in an equivalent amount of work in some other book.

To enter, or to be promoted to any advanced class in the High School, students must have completed satisfactorily the studies of the classes below, or a full equivalent for them.

EXAMINATIONS.

Entrance Examination will be held June 17th and 18th, and October 4th, 5th and 6th.

Two examinations are held yearly in the High School. The Intermediate examination begins Wednesday, February 10th, 1889; the Final begins Monday, June 10th. In order to insure promotion to advanced standing, students must pass both examinations satisfactorily.

Between the beginning and close of examinations students are not required to come to the High School except on the days when they are to be examined; on other days they are advised to stay at home and study diligently.

Punctuality in attendance is rigidly enforced as a necessary requirement to secure fidelity and impartiality in the examination.

DIPLOMAS.

Students satisfactorily completing any course in the High School will receive Diplomas as graduates of the High School.

Before admission to any class of the High School, the student must matriculate and present his certificate of matriculation from the Secretary, Mr. Wm. O. Rogers. The annual tuition fee is \$80, the first quarter of which, \$20, must be paid before matriculation.

The increase in the tuition fee has been rendered necessary by the large expense required for scientific and mechanical instruction, but it is still below the average of good High Schools and Private Schools.

TULANE COLLEGE.

Tulane College rests upon its High School, of which it is the proper outcome. It covers, with four years of solid collegiate instruction and training, the second great phase of liberal education. Its purpose is to train and discipline the student for the professions or for leadership in the superior walks of the manifold and ever widening spheres of active life.

To attain this high aim every faculty of the mind must be disciplined to work efficiently to its appointed ends. And for this discipline every grand division of the complete sphere of human knowledge should be represented in a rounded plan of academic education. Philosophy, History, Mathematics, the Physical Sciences, Biology and the Languages, which are the expression and embodiment of human thought, all serve as necessary agents in a harmonious evolution of intellect and character, and should all be represented in any scheme or course of study which pretends to give a complete liberal education. To assume, however, that there is only one course which shall do equally well for all, no matter what their intended careers may be, is to take the attitude of the quack who has one nostrum for all human ills.

"A man should be first, and most of all, a man; and hence, as I have said, *all* his faculties must be educated. But to be a man in the highest sense, he must be a thinker and worker in some special thing. Every true man has his appointed place to fill in the grand scheme of Providence. Be it little or great, he should try to fill it adequately. But to do this aright, not only must all his faculties be developed, but some of them must be specially developed. Hence, all the faculties are not to be *equally* educated. In their education, we must look to this end in view. The education of each man must be adapted, as far as possible, to his proposed work in life. It is plain, therefore, that no one curriculum will suit every mind. There is no panacea in education."*

While this is true, yet this institution accepts the experience of past generations, and that of the wisest educators in this, which declare that, for the highest culture and for the best development in the learned professions, the study of Greek is invaluable; and, to this end, the Classical Course is strongly recommended to all who have the time and ability to pursue it.

*President Johnston's address on "The Work of the University of America," before the South Carolina College, Jan. 25th, 1884.

Not trusting in the ability of immature students, or even of parents unaccustomed to consider the due proportions and sequence of studies, to properly formulate their own ideals in education, Tulane College has now five courses of study; with prescribed branches, all leading to the degree of Bachelor of Arts. These courses, though leading to different pursuits in life, are parallel and fully equivalent in the amount, proportion and exactness of the training and instruction afforded.

In the grouping and succession of studies in these courses, while the opportunity is afforded to obtain such sufficient information in all the great realms of human knowledge as should be considered requisite to a liberal education, still greater regard is had to that rigorous training of the faculties which develops intellectual energy and moral power. It is intended that the degree of Bachelor of Arts, which crowns each of these five courses, shall be an honest testimonial to solid acquirements.

The difference in the courses is somewhat in the sequence of the subjects, largely in the amount of the particular branches pursued, and to a certain extent, in the substitution of studies, equivalent in amount, and as nearly so as possible in intrinsic and disciplinary value to the student.

The courses are denominated, respectively, Classical, Literary, Physical Science, Natural Science and Mechanical. Each has four Classes, which retain the time-honored name of Freshman, Sophomore, Junior and Senior. In each course of study, and in each year of that course, it has been sought, by a proper and logical arrangement of studies, to carry forward the instruction and the training to a given practical end.

The degree of Bachelor of Arts is conferred for the successful accomplishment of any one of the five regular courses named, and students of extraordinary merit may have added to this, "with distinction."

A comparison of our courses of study, as set forth, with those of some of the best in the land will show that we have not diminished the requirements for graduation as Bachelor of Arts, in the amount of studies, and we hope to prove by our strictness in granting degrees that the standard of excellence has not been lowered.

CLASSICAL COURSE.—In the Classical Course, an attempt is made to preserve the foothold of the ancient languages, Latin and Greek, and to afford to the student willing to submit to their invaluable and unsurpassed mental discipline, the opportunity to obtain a solid classical education. Mathematics, including Analytical and Descriptive Geometry, is finished in the Sophomore year.

This course is especially recommended to students aiming at the learned professions.

LITERARY COURSE.—The Literary Course differs from the Classical by the omission of Greek, and the substitution of fuller courses of Latin, German, French and Natural Science.

NATURAL SCIENCE COURSE.—The Natural Science Course differs from the Physical Science by the substitution during the Junior and Senior years, of large practice in Chemistry and Biological work in the Laboratory in place of Physics and applied Mathematics.

This course is well adapted for students intending to study Medicine or Pharmacy; or for those who intend to become mining or chemical engineers.

PHYSICAL SCIENCE COURSE.—In this course Latin and Greek are omitted in the College. Three years of Latin in the High School are given as the linguistic basis of this course in the ancient languages. For the ancient languages a very full course of Mathematics. Mathematical Physics and Laboratory work is substituted. This course is particularly suitable for those who intend to become civil, or electrical engineers.

MECHANICAL COURSE.—In the Mechanical Course an attempt is made to combine culture with practical mechanical training. When the student enters the College, after three years in the High School, his hand-training in wood and iron is followed by machine work in metals and by mechanical construction. This lasts through two years. His drawing is also carried forward into the higher branches of the art.

This course is closely analogous to the Mathematical Course, except the French is carried further, and, in a general way, Applied Mathematics and Practical Mechanics are substituted for Mathematical Physics and Physical research.

This course is suitable for those who are intending to become mechanical engineers.

SPECIAL COURSE FOR STUDENTS IN MEDICINE AND PHARMACY.—In order to give an opportunity for special preparation to students of medicine, a Preliminary Course has been established in the college for

their benefit. This is strongly recommended by the Faculty of the Medical Department, to all such as have not had the advantage of thorough training in the branches taught in it, and will be received as equivalent to one year's study in a physician's office. These branches are: Physics, Biology (with microscope), Chemistry, Botany, Rhetoric, German and English Literature, with the privilege of attending a class in Drawing.

The terms for attendance on this course will be eighty dollars, and it will occupy a session of nine months.

Students who have successfully completed the Commercial Course of the High School, and who desire a further course of study, will be able to enter with slight adjustment of studies, either the Natural Science, Physical Science, or Mechanical Course of the College.

TULANE COLLEGE AND UNIVERSITY.

FACULTY OF ARTS.

WM. PRESTON JOHNSTON, LL. D.,
CHAIR OF HISTORY AND POLITICAL SCIENCE.

BRANDT V. B. DIXON, A. M.,
CHAIR OF METAPHYSICS.

RICHARD H. JESSE,
CHAIR OF LATIN.

ROBERT SHARP, A. M., Ph. D. (Leipsic),
CHAIR OF ENGLISH AND GREEK.

JOHN R. FICKLEN, B. LET. (University of Virginia),
CHAIR OF ENGLISH HISTORY AND RHETORIC.

J. HANNO DEILER (Royal Normal College of Munich),
CHAIR OF GERMAN LANGUAGE AND LITERATURE.

ALCÉE FORTIER,
CHAIR OF FRENCH LANGUAGE AND LITERATURE.

J. L. CROSS, A. B. (Va. Mil. Inst.),
CHAIR OF MATHEMATICS.

FLORIAN CAJÖRI, M. S.
CHAIR OF APPLIED MATHEMATICS.

BROWN AYRES, Ph. D. (Stevens Institute),
(Fellow of John Hopkins University),
CHAIR OF PHYSICS.

JOHN M. ORDWAY, A. M. (Dartmouth),
CHAIR OF APPLIED CHEMISTRY AND BIOLOGY.

JOHN W. CALDWELL, A. M., M. D.,
CHAIR OF CHEMISTRY AND GEOLOGY.

WILLIAM WOODWARD (Massachusetts Normal Art School),
PROFESSOR OF DRAWING.

JOSEPH P. JOOR, M. D.,
PROFESSOR OF BOTANY.

CHARLES G. GILL, PH. D.,
ASSISTANT PROFESSOR OF GREEK.

TULANE COLLEGE

CATALOGUE OF STUDENTS.

TENTH ANNUAL SESSION, 1887-88.

SENIOR CLASS.

NAMES OF STUDENTS.	COURSE.	ADDRESS.	NAMES OF PARENTS OR GUARDIANS.
BORDE, GEORGE URQUHART.	Nat. Sci.	252 Canal.....	Dr. J. F. Borde.
DYMOND, JOHN, JR.	Lit.	Fourth and Chestnut..	Jno. Dymond.
FENNER, ERASMUS DARWIN.	Lit	First and Camp.....	Chas. E. Fenner.
MAAS, CHARLES O.	Nat. Sci.	Royal and Bienville...	Dr. B. Maas.
MALOCHEE, H. J.	Mech.	51 Esplanade Ave....	
MILNER, PURNELL M.	Lit.	86 Marengo.....	Dr. U. R. Milner.
SCHERCK, LEWIS ALCUS.	Nat. Sci.	235 Chestnut.....	J. Scherck.
SPENCER, WAL. BRAINERD.	Nat. Sci.	949 Magazine.....	

JUNIOR CLASS.

ADLER, JACOB.	Com	429 Canal.....	A. Adler.
ALLAIN, LOUIS BUSH.	Mech.	St. Gabrielle P. O., La.	Louis Bush
BRADY, CULLEN MILO.	Lit.	Waggaman P. O., La.	J. S. Brady.
BAYNE, HUGH A.	Class.	197 St. Joseph.....	T. L. Bayne.
CARTER, THOMAS.	Class.	163 Delachaise.....	Rev. C. W. Carter.
CHURCHILL, CHARLES ROBT.	Mech	1168 St. Charles Ave..	Mrs. M. T. Churchill.
DREYFUS, THEODORE WASH.	Lit.	283 St. Andrew.....	Leon Dreyfus.
FOSTER, JOHN F.	Class.	250 Washington Ave..	
GESSNER, HERMANN J. B.	Class.	297 Rocheblave.....	Prof. Geo. Gessner.
HERO, WILLIAM S.	Com	Third and Camp.....	Andrew Hero, Jr.
JURGIELEWICZ, EDWARD A.	Lit.	454 Tulane Ave.....	Mrs W L Jurgielewicz
LEOVY, FRANK A.	Lit.	221 Jackson Ave.....	H. J. Leovy.
PERKINS, ROBERT J., JR.	Lit.	Carrollton, La.....	R. J. Perkins.
PARKER, ROBERT B.	Nat. Sci.	294 Prytania.....	J. M. Parker.
PATTON, MERCER WILLIAMS.	Nat. Sci.	221 Washington Ave..	I. W. Patton.
VAUGHAN, THOS. WAYLAND.	Nat. Sci.	Jonesville, Texas.....	Dr. S. F. Vaughan.
WATTS, OCTO N. O.	Class.	Alexandria, La	Geo. O. Watts.

SOPHOMORE CLASS.

BUTLER, GEORGE LACEY....Lit 398 Carondelet.... F. N. Butler.
 CHALARON, FRANK J.....Nat. Sci.63 Esplanade Ave.....J. A. Chalaron.
 FRANK, WALTER S.....Mech....Camp and Delachaise..Wm. Frank.
 GILL, HENRY M.....Class....349 Carondelet.... T. M. Gill.
 HARRIS, BEVERLY J.....Lit.....867 St. Charles Ave...J. L. Harris.
 HERNSHEIM, CHARLES.....Mech....963 St. Charles Ave..S. Hernsheim.
 KNOBLOCH, EARLE.....Lit.....Thibodaux, La.....Hon. Clay Knobloch
 KERNAN, BENJAMIN W.....Lit.....Clinton, La.....Hon. W. F. Kernan.
 OTIS, ROWLAND.....Mech....94 Felicity.....Henry Otis.
 OWEN, ALLISON.....Mech....215 St. Charles.....Wm. M. Owen.
 PARKER, JAMES PORTER, JR..Lit.....294 Prytania.....Jno. M. Parker.
 PEETE, RICHARD.....Lit.....Amite City, La.....Geo. A. Peete.
 PARHAM, EUGENE C.....Mech....243 Delachaise.....E. F. Parham.
 ROMAIN, ARMAND G.....Nat. Sci.349 Marais.....A. G. Romain.
 ROSENBERG, ABRAHAM.....152 Delord.....B. Rosenberg.
 STEWART, JOHN NELSON....Nat. Sci.237 Philip.....Andrew Stewart.
 TEBAULT, CHRIST. H., JR....Nat. Sci.7 North.....Dr. C. H. Tebault.
 WOOD, BRINGIER TRIST....Class....358 Prieur.....Col. R. C. Wood.

FRESHMAN CLASS.

ALEXANDER, WILLIAM M...MathSavannah, Ga.....Gen. E. P. Alexander
 BOATNER, MARK M.....Lit.....Shreveport, La.....Chas. J. Boatner.
 BUTLER, FRANK N.....Lit.....398 Carondelet.....F. N. Butler.
 BLOCK, EUGENE I.....Lit.....Opelousas, La.....Joseph Block.
 BLAKE, FRANK POLK.....Class....247 Prytania.....Mrs. F. D. Blake.
 BAILEY, JONAS WILLIAM....Mech....540 Baronne.....W. E. Raymond.
 BROOK, WILLIAM H. D.....Com317 Annunciation....W. H. Brook.
 CAHN, JULIUS.....Nat. Sci.722 Magazine.....Leon Cahn.
 CONRAD, PAUL, JR.....Lit.....266 Bayou Road.....Paul Conrad.
 DUFOUR, WILLIAM CYPRIEN.Math....173 Carondelet....Elmore Dufour.
 DAVIS, LEE.....Nat. Sci.Brunswick, Miss.....Mrs. L. M. Davis.
 DYKERS, REGINALD.....Mech....429 Carondelet.....R. H. Dykers.
 DENNEE, JOHN SINCLAIR....Com421 South Rampart...R. S. Dennee.
 HERRING, JOHN D.....Class....Floyd, La.....J. S. Herring, M. D.
 HARDIE, WILLIAM F.....Class....229 Jackson Ave.....W. T. Hardie.
 HASKELL, EDWARD C.....Lit.....New Iberia, La.....J. C. Haskell.
 HENRIQUES, JAMES C.....Math....343 Josephine.....A. D. Henriques.
 HARTMAN, JACOB Y.....Nat. Sci.139 Jackson.....H. B. Hartman.
 HERNSHEIM, FRANK.....Com963 St. Charles Ave...S. Hernsheim.
 KEARNY, EDWARD N.....Mech....408 St. Charles Ave...J. W. Kearny.
 LIVAUDAIS, LOUIS A., JR....Mech....168 Cllo.....L. A. Livaudais.
 LOMBARD, GERVAIS.....Mech....270 Felicity.....E. H. Lombard.

MENAGE, HENRY E.....ComEsplanade and Prieur.H. Menage.
 MCGUIRE, NIMROD.....Lit.....Monroe, La.....J. E. McGuire.
 MCCORKINDALE, WM. J.....Mech. ..391 Baronne.....Wm. McCorkindale..
 NEWELL, CECIL.....ComSt. Joseph, La.....J. D. S. Newell.
 PALFREY, WILLIAM S.....Com329 Coliseum.....E. A. Palfrey.
 PHILIPPE, FRANÇOIS C.....Com.....66 Chartres.....F. C. Philippe.
 REED, WARREN B.....Nat.Sci..Camp and Leontine..Prof. L. C. Reed.
 SEMMES, THOMAS J., JR....Lit.....20 S. Rampart.....Thos. J. Semmes.
 TURNER, WILLIAM BALL....Lit.....Pineville, La.....Benj. Turner.
 TOBIN, JOHN F.....Class.....414 Esplanade.....Capt. J. W. Tobin.
 VON PHUL, WILLIAM.....Math....Port Allen, La.....Mrs. Wm. Von Phul.
 WILTZ, LOUIS A.....Com285 Philip.....Gen. A. Meyer.
 WATERMAN, THOMAS S., JR..Com240 Jackson.....T. S. Waterman.
 WARE, J. STONE.....Lit.....Dorcyville, La.....Jas. A. Ware.

SPECIAL.

ARMSTRONG, WILLIAM G.	BLUMER, JACOB H.
CRAWFORD, JAMES.	DONELSON, SIDNEY.
KUPETZ, FRANK.	LEAKE, JOHN P.
OATIS, E. P.	

RECAPITULATION.

COLLEGE ROLL.

Senior Class.....	6
Junior ".....	19
Sophomore ".....	18
Freshman ".....	36
Special ".....	7
Total.....	86

TITLED GRADUATES.

SESSION 1882-'83—UNIVERSITY OF LOUISIANA.

SIDNEY PHILIP DELAUP.....	Bachelor of Science.
ARSENE PERRILLIAT.....	“ “
ARTHUR SEAVER WHEELER.....	“ “
ARTHUR SEAVER WHEELER.....	Bachelor of Arts.
CHARLES BURKE STAFFORD.....	Bachelor of Literature.

SESSION 1883-'84—UNIVERSITY OF LOUISIANA.

ROBERT GEORGE URQUHART BORDE.....	Bachelor of Arts.
JOHN FREDERICK FREEBORN GROENEVELT	“ “
CHARLES GRANDISON GILL.....	Bachelor of Literature.

1884-'85.—TULANE UNIVERSITY.

ALPHONSE F. DELBERT.....	Bachelor of Science.
BOLLING A. POPE, JR.....	“ “
ALFRED RAYMOND.....	“ “
ROBERT GEORGE URQUHART BORDE	Master of Arts.
CHARLES GRANDISON GILL.....	“ “
JOHN FREDERICK FREEBORN GROENEVELT.....	“ “
ARTHUR SEAVER WHEELER.....	“ “

1885-'86.

ROBERT A. HOLLAND, JR.....	Bachelor of Arts.
FRANK EDWARD E. RAINOLD.....	“ “

1886-'87.

HAMPDEN SIDNEY LEWIS.....	Bachelor of Arts.
WILLIAM CHARLES MCLEOD.....	“ “
CHARLES GRANDISON GILL.....	Doctor of Philosophy.

1887-'88.

GEORGE URQUHART BORDE.....	Bachelor of Arts.
ERASMUS DARWIN FENNER....	“ “
LEWIS ALCUS SCHERCK.....	“ “
JOHN DYMOND, JR.....	“ “
CHARLES OSCAR MAAS	“ “
WALKER BRAINERD SPENCER.....	“ “

TULANE COLLEGE.

CLASS.	CLASSICAL COURSE. Hours per Week.	LITERARY COURSE. Hours per Week.	NATURAL SCIENCES COURSE. Hours per Week.	PHYSICAL SCIENCE COURSE. Hours per Week.	MECHANICAL COURSE. Hours per Week.
SENIOR	Psychology.....5 Political Science and Rhetoric ($\frac{1}{2}$ year each).....3 German.....3 Latin.....3 English.....3 Greek.....3	Psychology.....5 Political Science and Rhetoric.....3 Latin Literature.....1 Latin.....3 English.....3 Biology.....3	Psychology.....5 Political Science and Rhetoric.....3 German.....3 Biological Laboratory.....6 Chemical Laboratory.....9	Psychology.....5 Political Science and Rhetoric.....3 German.....3 Physical Laboratory.....6 Chemical Laboratory.....6 Mathematical Physics.....3	Psychology.....5 Political Science and Rhetoric.....3 German (or French).....3 Applied Mechanics.....4 Chemical Laboratory.....6 Theory of Tools, etc.....2 Materials of Construction 3
JUNIOR	Latin.....4 Greek.....4 German.....3 History (to Christmas) and English.....3 Chemistry.....4	Latin.....4 French.....3 German.....3 History and English.....3 Chemistry.....4 Geology.....2	Chemical Laboratory.....6 Physical Laboratory.....6 German.....3 History and English.....3 Chemistry.....4 Geology.....2 Mathematics ($\frac{1}{2}$ year)....3	Mathematics and Anal. } 6 Mechanics..... } Physical Laboratory.....6 German.....3 History and English.....3 Chemistry.....4 Geology.....2	Mathematics and Anal. } 6 Mechanics..... } Physical Laboratory.....6 German (or French).....3 History and English.....3 Chemistry.....4 Geology.....2
SOPHOMORE	Latin.....3 Greek.....3 English (after Christ- mas).....3 Mathematics (before Christmas).....3 French.....3 Physics.....4 Ancient History.....2	Latin.....3 German.....3 English (after Christmas) Mathematics (before Christmas).....3 French.....3 Physics.....4 Ancient History.....2 Rhetoric.....1	Physical Laboratory.....2 Astronomy.....1 English.....2 Mathematics.....6 Mathematics.....6 French.....3 Physics.....4 Ancient History.....2 Rhetoric.....1	Physical Laboratory.....2 Astronomy.....1 English.....2 Mathematics.....6 Manual Training and } 8 Drawing..... } Physics.....4 Ancient History.....2 Rhetoric.....1	Physical Laboratory.....2 Astronomy.....1 English.....2 Mathematics.....6 Manual Training and } 8 Drawing..... } Physics.....4 Ancient History.....2 Rhetoric.....1
FRESHMAN	Latin.....4 Greek.....4 Rhetoric and English.....3 French.....4 Mathematics.....4	Latin.....4 German.....3 Rhetoric and English.....3 French.....4 Mathematics.....4	Drawing.....6 Biology.....3 Rhetoric and English.....3 French.....4 Mathematics.....4 Manual Training.....6 Ancient History.....2	Drawing.....6 Biology.....3 Rhetoric and English.....3 French.....4 Mathematics.....4 Manual Training.....6 Ancient History.....2	Drawing.....6 Biology.....3 Rhetoric and English.....3 French.....4 Mathematics.....4 Manual Training.....6 Ancient History.....2

Detailed Statement of Work in the Several Courses.

HISTORY AND POLITICAL SCIENCE.

Greek, Roman, English, French, German and Spanish History are taught by the Professors of these languages. The Philosophy of History and Political Science are taught to the University students and Senior under-graduates in a course of lectures by the President.

LATIN.

PROFESSOR JESSE.

Latin is taught in the Classical and Literary Courses.

In the Freshman Class it is assumed that the student has gained some knowledge of the inflections of words, and has read at least five books of Cæsar de Bello Gallico, or an equivalent amount of other prose.

FRESHMAN CLASS.

The Forms of the language are carefully reviewed, and the prominent facts of the Syntax, as they occur in the daily readings, are explained orally. Some elementary instruction is given in Mythology. The study of Metre is confined to the Hexameter. One exercise (rendering English into Latin) and four recitations a week.

Text-Books: Gildersleeve's Latin Grammar; Gildersleeve's Latin Exercise Book; Keightley's Mythology.

Authors Read: Ovid; Virgil.

SOPHOMORE CLASS.

In Grammar, the first half-session is given to Forms, the second half-session to Syntax. The History of the Roman people to the time of the Gracchi is studied with the aid of a full set of Kiepert's wall maps, and the Geography of the countries that composed the Roman Empire is emphasized by constant practice in Map-drawing. The course of study includes the Metres of Catullus.

One exercise (rendering English into Latin) and four recitations a week.

Text-Books: Gildersleeve's Latin Grammar; Gildersleeve's Latin Exercise Book; Leighton's History of Rome.

Authors Read: Cicero's Orations and Philosophical Writings; Catullus.

JUNIOR CLASS.

In Grammar, attention is directed wholly to Syntax. The History is continued to the year A. D. 476. The Metres of Horace receive thorough treatment. One exercise and four recitations a week.

Text-Books: Gildersleeve's Latin Grammar; Gildersleeve's Latin Exercise Book; Leighton's History of Rome.

Authors Read: Horace; Livy.

SENIOR CLASS.

Roman Antiquities; Review of the entire Grammar; Notes on parts of Latin Syntax. One (original) exercise and three recitations a week. The students in the Literary Course will give one hour a week additional to a fuller consideration of the History of Latin Literature, with Cruttwell as general guide.

The Judah Touro Medal will be awarded to the author of the best original essay, written in Latin.

Text-Books: Becker's Gallus; Gildersleeve's Latin Grammar.

Authors Read: Tacitus; Juvenal; Plautus.

Every student is expected to provide himself with—
Harper's Latin Dictionary, or Andrews' Lexicon, and also with Ginn & Co.'s, or Kiepert's Classical Atlas (6th Berlin edition).

GREEK.

PROFESSOR SHARP.

The study of the Forms and Syntax will be thorough, and will be continued until they are well mastered. The history of the people and of the literature, the mythology, and the antiquities will be studied with the best available helps. The course of reading will be comprehensive; and by the method used it is intended to give as great a facility as possible in translating readily into English, and to make the student at the same time familiar with the beauty and strength of the language, and with the wisdom and power of the ancient masterpieces. It is designed, by the study of word-formation, and by the constant comparison of the various processes of Greek Grammar and Greek Rhetoric with the corresponding processes in other languages, and by the cultivation of the practice of translating into the nearest equivalent of strong, correct, idiomatic English, to give to the study of Greek a usefulness even beyond its apparent limit.

This language is studied only in the Classical Course.

Text-Books:

COLLEGE.

FRESHMAN CLASS: Hadley's Grammar; Jones' Exercises in Greek Prose Composition (completed); Lysias; Herodotus; Smith's History; Kiepert's Classical Atlas (6th Berlin edition).

SOPHOMORE CLASS: Hadley's Grammar; Mahaffy's Old Greek Life; Boise's Exercises in Greek Syntax; Smith's History (completed); Homer; Demosthenes; Lucian; Reading at Sight (Kendrick); Autenrieth's Homeric Dictionary; Liddell & Scott's Lexicon (seventh edition).

JUNIOR CLASS: Jebb's Greek Literature; Goodwin's Greek Moods and Tenses; Schmidt's Rhythmic and Metric (for reference); Thucydides; Euripides; Sophocles; Reading at Sight; Original Exercises.

SENIOR CLASS: Aristophanes; Æschylus; Plato; Murray's Mythology.

ENGLISH.

PROFESSOR SHARP.

The scientific study of English, stimulating, as it does, original thought, and providing a greater power of comprehension and expression of thought, offers the best, almost the necessary introduction and accompaniment to the work in the other branches of collegiate education. But apart from this, the careful and extended study of English as an end in itself, is of the greatest advantage to the student, whatever may be his aim in life. In practical value our own tongue must, of course, outweigh all others, modern or ancient; and, as a means of mental training, the study of English is perhaps inferior to no other process. Certainly wherever English is spoken, the study of English should occupy a leading place.

In this course, the study of Literature and the study of the Language are combined. Selections from representative authors, from the 19th century back to the Anglo-Saxons, will be read and treated with reference to the two-fold end in view. That is, it is designed:

1. That the student shall learn the extent and richness of the English Literature as a whole, and shall acquire a knowledge of the more important parts in detail. Stress is laid upon the careful reading and correct interpretation of the works taken up, while the place and importance of each as a part of the whole is considered. Annotated texts and notes by the professor will furnish help where it is needed.
2. That, at the same time, the student shall be able to observe, in what he reads, the development of our composite language and to trace the history of our idioms and of our words and inflections. The textbooks in philology and the history of the language supplement the course in this application.

The study of language, if divorced from literature, if made the study of words and not of speech, must become dry and lifeless; language may be best studied when performing its one legitimate function, expressing thought. So, too, if we would make our own all that literature offers us, we must thoroughly acquaint ourselves with the means of expression; hence the propriety of the plan here followed.

FRESHMAN CLASS.—Shaw's History of English Literature. Selected Works from the writers of the best English prose are read. This class is taught at present in the History and Literature Course.

SOPHOMORE CLASS.—Period from Shelley back to Pope. The reading is chiefly from the poets. Peile's Philology.

JUNIOR CLASS.—Dryden; Milton; Bacon; Shakspeare. Parts of Lounsbury's History of the English Language.

SENIOR CLASS.—Spencer; Chaucer; Studies from some of the Victorian Poets; Anglo-Saxon Grammar and Reader.

Selected works in prose and in poetry are assigned in each class for parallel reading. Particular attention is paid to English metres. Essays upon the selections read are required from time to time.

ENGLISH HISTORY AND RHETORIC.

PROFESSOR FICKLEN.

In this department there are two courses: One in English History and one in Rhetoric. The latter begins in the Freshman Class with a simple, practical work on Rhetoric. Short essays in the different kinds of composition are made to illustrate the principles acquired in the text-book. These essays, becoming more difficult in the higher classes, are continued till the student graduates. In the Senior Class, work requiring some research is given, and an attempt is made to develop any vein of originality that a student may possess. Here, also, extensive extracts from the works of Macaulay, De Quincey, Carlyle and other writers are read and criticised. A manual of English Prose (designed to show the characteristics of style) accompanies this portion of the Course.

In the Junior Class, English History will be taught, and the students will be required to examine the treatment, by different authors, of various epochs. A part of this term, also, is devoted to the study of Rhetoric and to practice in composition.

The text-books are:

FRESHMAN: A. S. Hill's Rhetoric; Herbert Spencer's Philosophy of Style; De Quincey's Essay on Style.

JUNIOR: Jennings's Rhetoric; D. H. Montgomery's "Leading Facts of English History" (used as a basis of work). McCarthy's "Our Own Times."

For reference: Hume, Freeman, Froude, Macaulay, Green.

SENIOR: Minto's Manual; Works of Macaulay, DeQuincey, and Carlyle.

GERMAN.

PROFESSOR DEILER.

In the College there are two different Courses of German. In the *Literary* Course German begins in the Freshman-year and is continued for three years.

LITERARY COURSE.

FRESHMAN CLASS: German Grammar, Narrative Prose.

SOPHOMORE CLASS: Finish Grammar, Selections from various authors, German Composition, Conversation, Geography and History of the German Empire.

JUNIOR CLASS: Review of Grammar, History of German Literature, Conversation, Composition, Lectures on and selections from the principal authors of the different periods, Nibelungenlied, Gudrun, Parclval, Walther von der Vogelweide, Tell, Hermann and Dorothea, Minna von Barnhelm, Faust.

Nothing but German is spoken in this class and every effort is bent toward giving the student the ability to express himself in German in *speaking* as well as in *writing*.

There is also a two years' Course of German in the College, which extends over the Junior and Senior years. This course is obligatory for all students except those of the Literary Course and those of the Commercial and Mechanical Courses who took the three years' German Course of the High School. In this two years' course the student will master the principles of Grammar, acquire by reading a fair vocabulary, and be able to understand the *written* and *printed* languages accurately and readily.

FIRST YEAR—(Joynes-Meissner's Grammar), Political History and Geography of the German Empire.

SECOND YEAR—(Joynes-Meissner's Grammar), Gostwick and Harrison's History of German Literature, Selected Plays of Schiller, Lessing and Goethe.

The selections read in the Senior classes of all the courses will be changed from year to year.

FRENCH.

PROFESSOR FORTIER.

In a city like New Orleans, where so many persons speak French, and where we meet at every step with the souvenirs of the early colonists, the French language must be taught, as far as possible, like a mother tongue. French is not a foreign language in Louisiana, and the way of teaching it must vary from that of the other colleges in the United States. The course must be theoretical and scientific, but above all, literary and practical. Our graduates must know thoroughly the geography, history and literature of France, and must be able to speak the language to those whom they meet in their daily pursuits, and many of whom, in the country parishes, speak very little English.

In the High School, French is optional with German, in the Mechanical and Commercial Courses, and begins in the Preparatory Class. It is continued through the three years of the High School.

If German is chosen instead of French, the latter is taken in the Junior and Senior Classes of the College.

In the Classical, Natural Science and Mathematical Courses, the instruction in French begins in the Freshman Class, and ceases after the second or Sophomore year. In the Literary Course the instruction extends a year longer, and is then entirely scientific and literary. Brunot's historical grammar is taught, and the professor lectures on French literature, defining clearly to the students the different epochs in literature, such as Old French, Middle French and Modern French.

By referring to the following course, the method of instruction can be readily understood.

In the Freshman year, the pupil learns the grammar of the language and the history of France, has his ear accustomed to the French sounds, and can read any light work, such as a tale or a comedy. He is thus prepared for the Sophomore class, in which, in his French studies, he abandons completely all books written in English, and studies the best works used in the schools in France. The reading consists of the best works of the seventeenth and eighteenth centuries. In the Junior class, three hours a week are devoted to French, so that the students who have heard nothing spoken in class but French for two sessions have learned how to speak the language and how to write it.

For candidates for the degree of Master of Arts, a class in French will be established for a critical study of the oldest texts in old French, and with lectures on comparative philology of Romance languages.

Students from the country and neighboring States may obtain board in French families where French is correctly spoken, and the Faculty will aid them in making such arrangements.

FRESHMAN CLASS—(Classical, Literary, Natural Science, and Mathematical Courses): Whitney's Practical French Grammar; Anderson's History of France; E. Scribe: "Les Doigts de Fée; Erckman - Chatrian: "Les Fiances de Grindewald." A. Fortier: "Quatre Grands Poètes du Dix-neuvième Siècle." H. de Bornier: "La Fille de Roland." Two exercises and four recitations a week.

SOPHOMORE CLASS—Larive et Fleury: "Troisième Année de Grammaire;" Gasc's Translator; Littérature Française de Bougeault; Corneille: "Le Cid," "Polyeucte;" Racine: "Athalie;" Molière: "Les Femmes Savantes," "Le Tartuffe;" Boileau: "L'art Poétique;" Voltaire: "Mérope;" Voltaire's Prose. One dictation exercise and three recitations a week.

JUNIOR CLASS—Brunot: "Grammaire Historique de la Langue Française; Clédat: "Morceaux Choisis des Ecrivains du Quinzième Siècle;" T. F. Crane: "Le Romantisme Français." Dictation. One original exercise and three recitations a week.

DICTIONARIES—Spiers and Surenné's, or Masson's.

MATHEMATICS.

PROFESSOR CROSS.

To enter the Freshman Class, a knowledge of Algebra to Quadratic equations, and Plane Geometry is required. This class will assemble four times a week for recitation. Completing the Algebra, and the study of Solid Geometry will be the work of the first term. Plane and Spherical Trigonometry, Surveying and Leveling, and Navigation will be studied during the second term of the session.

Students in the Sophomore Class will have six hours a week in the Scientific Courses, and three hours in the Literary and Classical. They will study Conic Sections, and Analytical Geometry of Three Dimensions, the first term. This completes the Mathematics for students in the Classical and Literary Courses. Those in the Natural Science, Physical Science and Mechanical Courses will take Differential and Integral Calculus during the second term.

The Junior Class in the Natural Science, Physical Science and Mechanical Courses will study Descriptive Geometry, Shades and Shadows, and Linear Perspectives. This class will attend lectures three times a week.

The end kept always in view is to impress the principles of mathematical truth clearly and deeply on the mind, by careful explanations, by daily examinations, and by a constant application of these principles by the students themselves to numerous examples taken from the text-books and from other sources.

Text-Books:

FRESHMAN CLASS: Wentworth's Plane and Solid Geometry; Wentworth's Complete Algebra; Loomis' Trigonometry and Logarithms (Revised Ed., 1886).

SOPHOMORE CLASS: Loomis' Analytical Geometry; Clark's Differential and Integral Calculus.

JUNIOR CLASS: Church's Shades and Shadows; Lectures.

APPLIED MATHEMATICS.

PROFESSOR CAJÖRI.

Applied Mechanics is taught in the Mechanical Course during the Senior year. In the Junior year, the students complete their courses in Pure Mathematics and Analytical Mechanics; so that, in the Senior year, they are well prepared to pursue with advantage the study of Applied Mechanics. The aim is to give students a general and practical knowledge of the mechanics of structures and machines. The leading topics considered are the various kinds of frames, the straining action on loaded beams, the geometry of gearing, the dynamics of the steam-engine and other motors, frictional resistances, stiffness and strength of materials, etc. The text book is: COTTERILL's *Applied Mechanics*.

Books for Reference:

Kennedy's Mechanics of Machinery; Rankine's Manual of Applied Mechanics; Wood's Resistance of Materials.

PHYSICS.

PROFESSOR AYRES.

The instruction in Physics begins in the Sophomore year, four hours a week being given to it by the students in all the courses. Those pursuing the Physical Science, Natural Science, and Mechanical Courses

take in addition two hours a week of practice in solution of physical problems, exact study of units, and laboratory work of a simple character. The class room instruction consists of fully illustrated experimental lectures, recitations on the lecture notes and on the text, and the solution of numerous practical problems. A full presentation is given of the applications of physical principles that are now so important in the arts. The steam-engine, the telegraph, the telephone, the electric light, the theory and use of the sugar polariscope, all receive due attention. The apparatus at command for the illustration of this course is very full and perfect. Every needed appliance is at hand for the projection of diagrams, pictures, experiments, microscopic objects, etc., either by sunlight or by the lantern, and frequent use is made of this very satisfactory method of class demonstration. The scientific students are very thoroughly drilled on the application of the simpler mathematics to the solution of physical problems, and the laboratory work pursued by them is, to some extent, a repetition by the students of experiments previously performed in the lecture room, but includes also practice in the use of the fundamental instruments of precision and the determination of simpler physical constants.

In the Junior year, the students in the Physical Science and Mechanical Courses have a lecture room course six times a week for a half year in Analytical Mechanics, and, together with those in the Natural Science Course, have six hours a week of laboratory work. The laboratory work for the Physical Science students (who continue the work in the Senior year) consists mainly of the practical study of the subjects whose theory is being studied in the lecture room. This implies the exact study of fundamental units, comparisons of units, precise weighings, determinations of density, the establishment of the laws of elasticity, capillarity and radiant heat, barometric readings and reductions, determination of the intensity of gravity, standardizing and calibration of thermometers, determinations of specific and latent heats, vapor densities, expansions, etc. The laboratory work for the Natural Science and Mechanical students is the same in kind as the above, but is not so exhaustive, and includes in addition some work in optics, acoustics, electricity and magnetism.

In the Senior year, the Physical Science students have a lecture room course three times a week throughout the year in the elementary mathematical theory of heat and light and of electricity and magnetism. They also have laboratory practice for six hours a week in optical, electrical and magnetic measurements, following the lecture room course as in the Junior year. They determine refractive indices, angles of crystals, wave lengths, focal lengths and radii of curvature of lenses and mirrors, and establish the laws of the interference and diffraction of light. They

study spectrum analysis and map prismatic and diffraction spectra, learn the use of the microscope, and study with some degree of thoroughness the subject of polarized light. In electricity and magnetism they determine galvanometer constants, measure resistances of conductors and batteries, electromotive forces and potentials, capacities, insulation resistances, magnetic declination and intensity.

In addition to the usual facilities, the lecture room and laboratory are supplied with electric current for arc and incandescent lights, and for electric motors. This current is under perfect control by means of large resistance coils of German silver and iron wires, by which any desired current can be obtained with great ease. In fact, the facilities for the practical study of electricity with a view to its technical applications are unusually good and post-graduate and other special students in Applied Electricity will be received.

The Text-Books are:

SOPHOMORE CLASS.—Anthony & Brackett's Physics; Dana's Elementary Mechanics; Stewart & Gee's Practical Physics, Vol. I.

JUNIOR CLASS.—Michie's Analytical Mechanics; Stewart & Gee's Practical Physics, Vols. I, II and III.

SENIOR CLASS.—Maxwell's Theory of Heat; Glazebrook's Physical Optics; Cumming's Theory of Electricity; Stewart & Gee's Practical Physics, Vols. II and III.

PHYSICAL APPARATUS.

The instrumental equipment of the Department of Physics is very good, and in several directions is quite full and excellent. The instruments are of the most approved forms, and are from the best makers of this country and Europe.

The apparatus is principally from the following celebrated makers: Ritchie, Queen, Green and Becker in this country; Browning, Patterson and Cooper, and Elliott Brothers, London; Duboscq, Hoffman, Carpentier, DeMeritens and Breguet, Paris; Edelmann, Munich; Rueprecht, Vienna; Société G  n  voise, Geneva. It is selected with special reference to accurate measurements.

A well-equipped work-shop, run by an electric motor, adjoins the laboratory, and an assistant is almost constantly employed in the manufacture, repair and modification of apparatus.

ASTRONOMY.

PROFESSOR AYRES.

For the present, the Course of Astronomy consists of two recitations a week for a half year, with occasional meetings at night for observation. It is required of all students in the Junior class.

Text-Books: Newcomb and Holden's Astronomy (Briefer course).

CHEMISTRY.

PROFESSOR CALDWELL.

This subject is taken up in the Junior year, where four hours a week are given to it by all the students. The whole subject of Inorganic and Organic Chemistry is here covered with as much completeness as the time will allow. The lectures are very fully illustrated by experiments, and problems on the cost of manufacture and the quantitative relations of products to the materials from which they are made, form a radical feature of the course. Special attention is directed to the relations of Chemistry to the industries of the country. The reduction of ores, the processes of dyeing and bleaching, the manufacture of iron and steel, of porcelain and pottery, of explosives, of soaps, and of starch and glucose are all noticed incidentally. The chemistry of sugar-making receives special attention, as well as that of foods and vegetation in general. The students of the Natural Science course have, in addition to this class, six hours a week of laboratory practice. They repeat in the laboratory a selected number of the lecture experiments, prepare a series of the salts of the metals, and thus become familiar with the ordinary mechanical operations of the laboratory. They also gain some insight, during the year, into qualitative and blow-pipe analysis.

In the Senior Class, the students of the Natural Science course have nine hours a week of laboratory practice throughout the year, and the students of the Mathematical and Mechanical Courses six hours. The Mathematical and Mechanical students pursue a course intended to give them an insight into chemical methods rather than to make of them expert chemists. They have some practice in Quantitative Analysis in addition to a brief course similar to that pursued by the Natural Science students in the Junior year. The Natural Science students complete the subject of Qualitative Analysis, and pursue a course of Quantitative Gravimetric and Volumetric Analysis, and have some practice in Organic Analysis. Those who so desire may give some attention to sugar-testing and analysis, by both polariscopic and chemical methods. It is proposed to devote some time in this connection, to the subjects of Crystallography and Mineral Analysis, thus making the Chemical Laboratory complementary to the study of Mineralogy.

Text-Books: Bloxam's Chemistry; Jones' Practical Chemistry; Thorp's Quantitative Analysis.

For reference: Fresenius' Qual. and Quant. Analysis; Sutton's Volumetric Analysis; Tucker's Sugar Analysis.

CHEMICAL LABORATORY.

The temporary laboratory now in use is capable of accommodating about twenty students, working simultaneously. It is conveniently fitted up, and is sufficient for the present needs of the Institution. The

apparatus is being enlarged and improved from year to year; an important addition lately made is an electrical arrangement, whereby electrolytic processes are able to be very expeditiously and conveniently conducted.

GEOLOGY AND MINERALOGY.

PROFESSOR CALDWELL.

This department of the Natural Sciences will occupy the attention of the Junior Class for two hours a week throughout the entire year. The course will be conducted by text-book, lectures and illustrations, and when possible, practical field work. It will be the aim of the Professor to impress the facts and principles involved in Dynamical Geology—to make real to the mind the theory of the Earth's gradual passage from one stage of its history to another, by the agency of forces such as are now seen to be operating in the world around; to study the Earth's structural character and relations, and to show how, from these, a historical view may be obtained of this developing globe; to consider organic life, as it is expressed in the fossils of the various strata, and to discover, if possible, the connection between the successive fauna and flora; also to indicate the practical value and results of the science. The important subjects of Mineralogy and Lithology will receive as much attention as time will allow. All the divisions of the course will be fully illustrated by the use of the collections of the Museum of this Institution.

Text-Books: Le Conte's Elements of Geology; Dana's Mineralogy and Lithology.

For reference: Dana's & Geikie's Geology; Brush's Determinative Mineralogy.

BIOLOGY.

PROFESSOR ORDWAY.

Biology, including botany and zoölogy, is taught by lectures, topical readings, and laboratory exercises. As far as possible the living organisms are made the direct objects of study. Starting, according to the natural method, with objects within reach and easily examined, phanerogamic botany is taken up first, attention being given to external forms and morphological relations. Systems of classifications are then studied with less reference to determining names than to giving a familiarity with natural affinities and a facility in locating species, which will be referred to in subsequent investigations. In the next place, the anatomical structure of organs and tissues is observed with the aid of the microscope, and much time is devoted to the examination of the lower forms of life. Cryptogamic botany and invertebrate zoölogy prepare

the way for the consideration of the progressive development,—rather than the blind evolution—of organic beings. The various organic functions, assimilation, secretion, growth, reproduction, circulation, respiration, sensation, reflex action, and voluntary motion are taken up later on, after the pupils have received the necessary preparation by learning the principles of chemistry and physics.

In proportion to the extent and interest of the subject, the time which can be devoted to it in any of the courses is necessarily much restricted and the aim must be, not to instil a great amount of knowledge, but to train the pupil's power of observation and to teach him how to use the various laboratory appliances and to study and investigate for himself.

The laboratory is furnished with a variety of microscopes and accessory apparatus, and a very full biological library is at hand for reference. The very short duration of winter in lower Louisiana renders it possible to obtain material for study, at all times. As biology materially culminates in human physiology, a special course of lectures will be given on physiology, hygiene and sanitary science.

MECHANICAL WORK.

PROFESSOR ORDWAY.

In the Physical Science, Natural Science, and Mechanical Courses the shop work of the High School is continued through the Freshman year. This advanced work includes forging, chipping and filing and lathe work. In the senior year the students of the Mechanical Course attend lectures on Tools, Manufactures and Materials of Construction.

DRAWING.

PROFESSOR WOODWARD.

Drawing is continued in the College except in the Classical and Literary Courses. To students of the Mathematical and Mechanical Courses, mechanical drawing and design are of great practical as well as disciplinary value. In the Natural Science Course pupils are expected to practice drawing in connection with the work of the Biological laboratory, as it is of great service in training the mind to nicety in observation. The advanced work in drawing will be varied to meet the special needs of the student.

TULANE UNIVERSITY.

If the student in a college should feel and act as one under authority, the graduate of the College who enters on a university career should recognize that he is called to a higher culture, which does not simply permit, but demands, liberty of choice, the exercise of independent thought, an earnest attempt at original investigation, and individual conviction. Herein he must receive the inspiration of the scientific spirit and pursue his studies by the scientific method, under the guidance, but not under the authority, of a professor.

Acting on this view, we differentiate sharply between the work of the College and the work of the University. We leave to the College the disciplinary work of education to be pursued by collegiate or gymnastic methods. We reserve for the University that higher culture pursued in the scientific spirit, which is the true University work. If few, yet our University students must be real, not mere College students with higher titles.

We admit to our University, as candidates for degrees, the graduates of our own and other colleges with fairly equivalent requirements, and such other persons as shall pass a satisfactory examination on branches of knowledge and studies fully equivalent. University students may select their studies, not less than three, with the approval of the President, and when these have been pursued for two years to the satisfaction of the President and Faculty they will, after a satisfactory examination, and written thesis approved by the President and Faculty, receive the degree of Master of Arts. The degree of Doctor of Philosophy will be conferred for further and eminent attainments in special branches of knowledge, one principal and two minor branches, after two years of study under the direction of the Faculty.

GENERAL INFORMATION.

ADMISSION.

Applicants for admission to the Freshman Class of the College are required to stand an examination upon the branches taught in the High School, or in other institutions of equal grade.

Applicants for admission to any advanced class or special course of the College, or to the University, will be examined on a fair equivalent of the studies previously completed by the class or course.

It is of great importance that all students shall enter promptly at the beginning of the session. A delay of a few days may affect injuriously the progress and standing of the student for the session.

DEGREES AND DIPLOMAS.

COLLEGE.—Students satisfactorily completing any course in the College will receive the degree of **BACHELOR OF ARTS** in that course, and students of extraordinary merit will have added to this, "with distinction."

UNIVERSITY.—Graduates of Tulane College and other accepted candidates who shall pursue an approved course of study in three branches for two years, pass a satisfactory examination and present a written thesis acceptable to the President and Faculty, will receive the degree of **MASTER OF ARTS**.

The degree of **DOCTOR OF PHILOSOPHY** will be given for a further prescribed or approved course of study in Tulane University, pursued for two years, under like conditions, and with such excellence and superior attainments as to warrant it.

Students pursuing special courses will not be entitled to diplomas or degrees.

MEDALS.

Special prizes for marked excellence and for superior attainments are annually given upon commencement day, in the form of gold medals. These are designated as:

I. Glendy Burke Medals, which are awarded for elocution, for superior attainments in mathematics, and for an English Essay, to students who shall be found worthy of the distinction by the Examining Committee.

II. The Judah Touro Medals, awarded for excellence in Latin, in Greek and in Ancient History.

III. A Louis Bush Medal for a superior Essay in the French language.

No medal is awarded except when marked excellence is exhibited in the subject of competition.

The following additional rules have also been adopted by the Faculty upon this subject:

That in all cases where the awarding of medals is not distinctly specified by the terms of the donation, the students shall compete on basis of work above and beyond the prescribed course, said work to be assigned by the Faculty at the end of each session for the succeeding session.

That the medals be opened for competition to all under-graduates in the regular courses in the College; but no medal shall be awarded to any student who has failed or been conditioned during the session for which it is awarded. But in the case of the elocution medal, competition shall be restricted to members of the Glendy Burke Society.

The award of medals for the session closed June 19, 1888, was as follows:

GLENDY BURKE MEDALS FOR ELOCUTION.....OCTO NASH OGDEN WATTS.

LOUIS BUSH MEDAL FOR FRENCH ESSAY.....FRANZ KUPETZ.

GLENDY BURKE LITERARY SOCIETY.

Students are encouraged to join this Society for improvement in declamation and debate. Contestants for the Glendy Burke Medal for Elocution must be members of this Society and recommended for the contest by a majority vote of the Society. A committee of the Faculty then awards the medal, after four competitive trials.

SCHOLARSHIPS.

The University grants about one hundred and fifty free scholarships in the Collegiate and High School Departments, which are filled by nomination of State Senators and Representatives and by the Mayor of New Orleans.

The Administrators, in accordance with the terms of the act establishing the University, have adopted the following rules in regard to candidates for the scholarships to be filled:

First. As provided in said act, there shall be one such scholarship for each Senator and each Representative in the State, and it shall confer the privilege of free tuition.

Second. Whenever a vacancy exists in the scholarship, it may be filled by the then sitting member for that district, provided, however, that the vacancy must be filled before the expiration of his term, otherwise his successor shall make the nomination.

Third. The candidate must be a *bona fide* resident of the district or parish from which he is appointed; that is, his parents or guardian shall be domiciled in said parish or district.

Fourth. He must be a white male youth, twelve years of age, to enter the High School, or fifteen years of age to enter the College.

Fifth. He may enter any regular class for which he is found prepared, after satisfactory examination by a committee appointed for that

purpose by the President of the University. No candidate will be accepted or allowed to matriculate, who is not at least qualified to enter the High School of the University.

Sixth. His application for admission to the University must be in writing, stating the name and post-office address of his parents or guardian; the date of his birth; and, if his parents do not reside in New Orleans, the name of a responsible citizen resident here, who will act as his guardian.

Seventh. Accompanying his letter of application he must present his credentials. His nomination shall be made out in the following terms:

"I, A. B.....for the.....
State of Louisiana, hereby nominate.....
son of.....and.....to fill the
vacancy in the scholarship in the Tulane University of Louisiana, accorded
me as.....from this.....

"The said.....is a male white youth,
twelve years of age, of good moral character, and a *bona fide* resident of
the said.....

(Signed)
.....from.....

Eighth. In order to identify the signature to such appointment of the Senator or Representative making it, his signature must be acknowledged by him before some competent State official.

Ninth. Before matriculation, the said scholar must sign a promise to obey, in good faith, the laws of this State and of the University, and to conduct himself as a good student and as a gentleman. He will then matriculate and will be furnished with a certificate thereof, will be enrolled on the books of the University, and considered a member of the Academical Corps, and subject to its regulations, until graduation, resignation, death or dismissal. The President shall assign him to such class or classes as his examination shows him competent to enter.

The number of free scholarships during the past session has been:

In the High School.....61

In the College.....25

Total.....86

By a resolution of the Administrators of the University, an additional free scholarship in Tulane College is annually awarded to that student of the Sub-Freshman Class who shall be selected by the Tulane High School Faculty as most distinguished for scholarship, deportment and punctuality.

DISCIPLINE.

Tulane University is, in tone, Christian, but not sectarian. This is the spirit it strives to inculcate. The discipline of the institution is mild, but firm. The students are presumed to be gentlemen, and a high standard of honor and truthfulness is inculcated and maintained. When a student is found deficient in either, or is so delinquent in industry or punctuality as to offer a bad example to his comrades, his parents are respectfully notified to withdraw him. Habitual immorality, or any gross breach of discipline, is visited with suspension, dismissal or expulsion, according to the circumstances.

In order to avail itself of the full benefit of parental aid and control in securing good conduct and punctuality, the University advises parents *immediately* of all cases of bad conduct, absence or tardiness by their sons. Monthly reports of class standing, progress and conduct are also sent; and also, at the end of each half session, a circular summarizing those facts, together with the results of his examinations.

Students in the High School are under the supervision of a Professor during school hours.

College students whose parents do not reside in the city, are required to have a guardian, who stands in the place of a parent, and to whom reports are made.

University students will be allowed the fullest freedom consistent with good order.

The following arrangements were made for the government of the students, and having been duly accepted by all the College students, no other discipline has since been found necessary.

ORGANIZATION AND RULES FOR THE DISCIPLINE OF TULANE COLLEGE.

The regularly matriculated students in Tulane College shall constitute its Academic Corps.

For the good government of the Academic Corps, the Freshman, Sophomore and Junior Classes shall each elect quarterly, and the Senior Class annually, a President, Vice-President and Secretary, whose duty it shall be to preserve order in its study rooms, and to enforce the discipline of the University in the class. In case of persistent violation of order or breaches of discipline, the Class President shall present the case to the Board of Directors of the Academic Corps, who, when necessary or advisable, shall present the facts to the Faculty for action.

The Board of Directors shall consist of the Senior President, who shall be *ex-officio* President, the Junior President, who shall be *ex-officio* Vice-President, and the Sophomore and Freshman Presidents, who shall

be *ex-officio* Secretaries, and of eight members, who shall consist of the Vice-Presidents and Secretaries of the four classes.

The Board of Directors shall have cognizance of all cases brought before them by the Class officers; and also of all matters touching the general discipline and welfare of the Academic Corps. They shall constitute a Court of Honor, to which shall be referred all quarrels not otherwise adjusted, and their decisions shall be obligatory upon the parties in all cases unless reversed by the Faculty, and its decisions shall be final.

Students shall make the following written pledge in order to be entitled to the privileges of the University:

"I hereby promise that during the time intervening from leaving home in the morning until my return thither I will not enter any place where liquors or lottery tickets are sold, nor any place of amusement without permission, nor any improper place of any sort; and I will observe the rules and regulations for discipline and good order, and conduct myself honorably and decorously, and will do nothing to bring my own good name or that of the University into disrepute."

College students who have given the above pledge shall be entitled to the following privileges, to-wit: to the freedom of the College precincts; to enter the library at pleasure, and during the hour of intermission from noon till one o'clock to go beyond College precincts for exercise, and to go home as soon as their lectures and recitations for the day are finished.

The proper place of study for students is in their respective class study rooms.

Students declining to take the above pledge will be required to remain in their class study rooms, when not in class, from 9 A. M. to 4 P. M.

In the foregoing pledge smoking in College precincts, and any games therein, will be considered breaches of discipline and good conduct.

BOARD AND LODGING.

Students can obtain board and lodging at from \$20 to \$25 per month in approved boarding houses or private families. The University authorities pay particular attention to placing them, according to the wishes of their families, under such religious or social influences as may be indicated. Special arrangements are made, through leading gentlemen, with Roman Catholic, Protestant and Jewish families of culture, and of American, French, German or Spanish nationality, to receive our students as boarders. They thus have the direct religious and social influences desired, and the opportunity to obtain a familiar knowledge of any modern language in which they especially wish practice.

EXPENSES.

The tuition fee for a session of nine months is \$80, payable in installments of \$20 at the beginning of each quarter session. Bills are presented, therefore, and must be promptly paid, on October 8th, December 6th, February 4th, and April 18th.

No deduction is made when a student enters after the beginning, or leaves before the close of a quarter-session.

The charge of eighty dollars per annum is uniform for students of the High School, College and Law Departments.

In the Law Department the annual charge of \$80 is paid at matriculation.

Candidates for the degree of Doctor of Philosophy are exempt from tuition fees.

Students furnish their own books, drawing instruments and drawing utensils, and are required to pay the cost of the apparatus which may be broken or damaged by them in the laboratories or about the University property.

The cost of books averages about \$10 per year.

There are no extra charges.

DAILY SESSION.

The daily session begins at 9 A. M., and ends at 4 P. M., with an hour's intermission from 12 M. to 1 P. M.

LOCATION.

The buildings which belonged to the University of Louisiana and which subsequently became the property of the Tulane University, are large and commodious, on the square bounded by Canal street, Tulane Avenue, University Place and Baronne street. Of these four buildings two are occupied respectively by the Academical Departments, one by the Medical College, and the fourth by the Law School and by the State Library.

The Manual Training School is conveniently located in the building corner of Lafayette and Dryades streets, and was purchased by the Administrators of the Tulane Fund for the convenience of this branch of instruction.

The handsome buildings of the H. Sophie Newcomb Memorial College are on Howard Avenue, directly opposite the new Howard Library, and reach from Camp street to Lee Circle. Several lines of street cars give convenient access to the college from all parts of the city.

The wisdom of founding seats of learning in centres of population is beyond dispute. The Tulane University of Louisiana is located at

the doors of nearly 250,000 people—almost the third of the population of the State; and the rapid increase in the railroad and other transportation facilities to New Orleans is making it every day more and more accessible from all quarters.

Notwithstanding the occasional outbreaks of yellow fever, New Orleans is, perhaps, the healthiest city of its size in the United States. Epidemics have visited it only at intervals of years,* and then only in the summer vacations, and, possibly, in the month of October. They can scarcely interfere, therefore, with the practical working of the University.

ATTENDANCE.

During the session 1878-88 there were in the different departments of the University the following number of students:

High School.....	245
University and College.....	86
H. Sophie Newcomb Memorial College.....	150
Free Drawing School.....	781
Law Department.....	60
Medical Department.....	305
Total.....	1,627

*The following extract from the special catalogue of the Medical Department of the University is of interest in this connection:

"The ungenerous attempt to prejudice students against coming to New Orleans by the publication of unfavorable statements concerning the health of the city, is unworthy of notice, except to inform any who may be ignorant of the fact that only two epidemics of yellow fever have occurred here since 1853. During the fifty-three years of the existence of the institution, no student has died from this cause during the lecture term. Indeed, we think it may be shown that the mortality among the students of the University, from all causes combined, is less than that in any other Medical College in the United States."

LIBRARIES.

Librarian, WM. O. ROGERS, LL. D.

Assistant Librarians, CHAS. G. GILL, PH. D.; MISS MATTIE BELL
and LEWIS ALCUS SCHERCK, A. B.

The Tulane Library contains valuable scientific and literary publications and is a depository of public documents; constant accessions are made to it through donations and purchase. It already contains about 11,400 volumes, embracing many choice literary and scientific works.

The Medical Section of the Library numbers about 2,600 volumes. This section of the Library is kept in a separate room, and is open to members of the Medical Profession and other authorized persons.

The Scientific Section is constantly receiving accessions of valuable publications, either by purchase, or by exchange of the publications of the New Orleans Academy with the leading scientific bodies of the world. Readers and students in this section have access to the large and very valuable private library of Professor Ordway, which is constantly receiving additions of new books as they are published.

The Literary Section contains the best editions of standard French and English authors, and fine editions of the Latin and Greek Classics.

The collection of public documents has been steadily augmented, and now contains about 5000 volumes.

The Fisk Library contains about 9000 volumes, and is increased yearly at the rate of about 1000 volumes. It contains the best standard works and current literature, including all the leading literary periodicals. The Reading Room of this Library is open to the public from 9 A. M. to 5 P. M., and is largely attended by an intelligent class of readers. Every facility is given to readers for finding the books and information they desire.

The State Library, containing 26,000 volumes, is deposited in the Law Building of the University, corner of Tulane Avenue and University Place, and is open daily from 9 A. M. to 3 P. M., and from 4 to 6 P. M.

Students have the use of books free of charge. This Library includes a very valuable collection of Foreign and American Law Books and Law Reports, and of historical and documentary works.

LIBRARY REPORT, FROM JUNE 1887, TO JUNE 1888.

The accessions to the University Library during the past year have been as follows:

TULANE LIBRARY.

DONATIONS.

	Volumes.
From Mrs. E. H. Adams: Miscellaneous Works.....	60
“ Mrs. Sam Boyd: “ “	8
“ Col. Wm. P. Johnston: “ “	2
“ Hon. Wm. D. Kelley: “ “	1
“ Miss Ligan: “ “	15
“ Mrs. Minton: “ “	15
“ Miss H. L. Mylotte: “ “	34
“ Messrs. Rand, McNally & Co.: “	1
“ Mrs. T. G. Richardson: Art and Scientific.....	53
“ Mr. Wm. O. Rogers: Scientific.....	1
“ Mrs. Annie Thibaut: Miscellaneous.....	80
“ Hon. Francis Wharton: Law	3
“ Dr. J. D. Wylie: Medical.....	137
“ Louisiana State Superintendent of Education: Educational..	1
“ Christian Women's Exchange: Miscellaneous.....	300
“ Maverick National Bank: “	1
“ New Orleans Academy of Science: Scientific.....	20
“ Commissioners of Labor: Labor Reports.....	1
“ Pennsylvania Geological Survey: Geological....	4
“ Mexican Government: Publications.....	2
“ United States Government: “	250
Total.....	989
By purchase.....	247
Total increase.....	1236

FISK LIBRARY.

DONATIONS.

	Volumes.
From Mr. P. Lacoste: Miscellaneous Works.....	3
“ Miss Ligan: “ “	14
“ Miss H. L. Mylotte: “ “	8
“ Prof. L. C. Reed: “ “	2
“ Mexican Government: Publications	1
“ United States Government: “	35
Total.....	63
By purchase.....	734
Total increase for Fisk	797
Total increase for all libraries.....	2033

MUSEUM.

PROFESSOR JOHN W. CALDWELL, A. M., M. D., Curator.

PROFESSOR JOSEPH F. JOOR, M. D., Assistant Curator.

The establishment of a Museum was commenced in July, 1885. Through various concurring circumstances, favoring the undertaking, we have already a very handsome nucleus, which is bound to grow to large dimensions. By the generous gift of Mr. Tulane, we were able to purchase from Mr. Ward, of Rochester, N. Y., three distinct collections, at the price of \$10,000.

These are: 1st—a series of Minerals, containing about 900 specimens, many of them large, handsome and rare; 2d—a large collection of Paleontological specimens, representing the various ages and periods of Geological time, arranged in chronological order; 3d—a series of Zoölogical forms, illustrating the modern types of life, both vertebrate and invertebrate. These constitute very satisfactory cabinets for the teaching of the different departments of sciences concerned.

Besides these, we have the entire collection of the New Orleans Academy of Sciences, donated to us in 1885. This includes a series of Louisiana rocks, clays, sands, etc., collected by Professor Hilgard, a number of shells, and over 10,000 botanical specimens. These last are being classified and mounted by Prof. Joor, a heavy task, now nearly finished. A representative collection of the native plants of the State has been put in order, and is receiving almost daily additions.

In the department of entomology, we have recently purchased a fine collection of Coleoptera (beetles, weevils, etc.), including several thousand specimens.

A great deal of other material has come into our possession, by purchase and donation, especially from the various State and private exhibits at the late Expositions held in New Orleans. These have been grouped in departments, with reference both to scientific order and convenience of examinations.

A very large collection of native woods from the late Exposition is being made into cabinet specimens, both for our museum and for distribution to other institutions.

The following have been donated since the publication of the last catalogue:

By G. W. Ryninger, San Francisco, Cal., South American Paper Money.

By Prof. J. M. Ordway, New Orleans, Coins, European and Old American, and Specimen of Trap in Granite.

By Southern Historical Society, 42 Old Coins.

By Jesse G. Johnston, Pineville, La., Alligator Teeth and other curiosities.

By Major B. M. Harrod, New Orleans, Two Curious Chrysalids.

By Hon. Thomas C. Manning, U. S. Minister to City of Mexico, Collection of Artificial Birds, made by Indians.

By Col. J. D. Hill, New Orleans, Obsidian from Yellowstone Park

By J. W. Caldwell, Jr., Tulane High School, Alligator Skull and Botanical Specimens.

By Prof. A. S. Wheeler, New Orleans, Minerals, Indian Relics, Shells, Botanical Specimens, etc.

By L. A. Livaudais, Jr., New Orleans, Large Tarantula in Alcohol.

By W. B. Krumbhaar, New Orleans, Snout of Saw-fish.

By Auguste Weilbacher, New Orleans, Two Specimens in Alcohol.

By A. H. Wilson, New Orleans, Book wrecked by Termites.

By Mr. Gammage, New Orleans, Chinese Newspaper and Facsimile of Roman Stenography.

By Gustave Kohn, Esq., New Orleans, Wild Rice from Canada.

By Rev. D. L. Mitchell, New Orleans, Minerals and Ores.

By Col. W. H. Garland, Amite City, Minerals and Fossils.

By Chas. E. Whitney, New Orleans, Old Olive Jar and Bones.

By Harry Austin, Galveston, Texas, Echinoid Specimens.

By Miss Clarice Haile, New Orleans, Curious Spider.

By M. Haulard, Tulane High School, French Coins and Minerals.

By P. A. Daniel, New Orleans, "Token Money" from Canada.

By Mrs. G. Gecks, Honduras, Sea Horse and Curious Moth.

By Wm. O. Rogers, Esq., New Orleans, Collection of Minerals.

By Mrs. J. R. Walker, Bay St. Louis, Miss., Collection of Birds.

By A. D. Parker, Tulane High School, Skin of Bird of Paradise

By New Orleans Academy of Sciences, Minerals and Fossils.

By E. H. Wheeler, through L. Prest, Specimen of "Amole" Root from Mexico.

FREE PUBLIC LECTURES.

The Free Public Lectures delivered under the auspices of Tulane University during the past session were as follows:

1. The Friday afternoon lectures on Physiology and Hygiene, by Professor Stanford E. Chaillé, Dean of the Medical College, were continued during the session from November to April. These lectures were attended by between four and five hundred persons, the majority of whom were teachers in the public and private schools of the city.

2. A course of six lectures on Dentistry, by Dr. A. G. Friedrichs,

beginning Thursday, January 19, and continued on successive Thursday afternoons.

3. Free Lectures on Drawing, in connection with practical instruction, to classes aggregating over seven hundred students, were given on Saturdays and on four evenings of the week, continued from November to May, by Professors Woodward and their assistants.

4. A course of three lectures in the French Language, by Professor Alcée Fortier, of Tulane University: I, Théophile Gautier; II, Prosper Mérimée; III, François Coppée.

5. A course of ten lectures, by Hon. Andrew D. White, LL.D., ex-president of Cornell University, on the causes of the French Revolution, beginning March 19th.

6. Four lectures on Dramatic Literature, by Professor Thomas R. Price, LL.D., of Columbia College, New York: I. Principles of Shakespeare's Dramatic Art; II. Laws of Dramatic Construction; III. Lord Tennyson as a Dramatic Poet; IV. Mr. Browning and Mr. Swinburne, as Dramatic Poets.

7. Three illustrated lectures in the German language, on German Literature, by Prof. J. Hanno Deiler, of Tulane University: I. and II. Das Epos "Gudrun." III. Walter Von der Vogelweide.

8. Four lectures on the History of Philosophy, by Prof. Brandt V. B. Dixon, President of H. Sophie Newcomb Memorial College: I. Early Greek Philosophy and Sophistry. II. Socrates, Plato and Aristotle. III. The Transition to Modern Philosophy. IV. The Problem of Modern Philosophy.

9. Four lectures, by Professor John M. Ordway, on the Industrial Achievements of Modern Chemistry: I. Explosives. II. Gas. III. Artificial Dyes. IV. Bleaching, Dying and Printing of Textile Fabrics.

10. Four lectures on the Early History of Mathematical Teaching in this country, by Prof. Florian Cajori, of Tulane University: I. Arithmetic previous to the year 1820. II. Mathematics in Colleges before the Revolution. III. Mathematics in Colleges previous to the year 1820. IV. Early Mathematicians and Astronomers.

H. SOPHIE NEWCOMB MEMORIAL COLLEGE FOR YOUNG WOMEN.

ANNOUNCEMENT FOR 1888-89.

The H. Sophie Newcomb Memorial College is founded on an endowment made by Mrs. Josephine Louise Newcomb of New York City, the widow of Warren Newcomb, formerly a highly esteemed merchant of New Orleans. Mrs. Newcomb vested this endowment in the administrators of the Tulane Educational Fund in the full confidence of their ability and fidelity in the administration of so important a trust. Her design is the establishment of an institution for the higher education of white young women and girls, which, while it looks to solid learning, shall yet afford opportunities for practical and industrial studies. The institution is intended to supplement, not to interfere with the excellent female schools of this city, and is to be Christian, but not sectarian. By act of the administrators it is established as a department of Tulane University.

It is the aim of this college to offer to the young women of Louisiana and the adjoining States a liberal education, similar to that which is now given to young men by Tulane University, and to young women also by other institutions of the first rank in distant parts of the United States.

The last few years have witnessed an extraordinary impulse to the cause of female education elsewhere; colleges similar to this have sprung up in various localities, and have been filled to overflowing, whilst in our own community the increasing desire for similar advantages has arisen to an imperative demand.

To meet these educational needs a system of instruction was devised a year ago, which is believed to be liberal, thorough, and specially adapted to the prevailing conditions. The success which has attended the opening of the college and the gratifying results of the first session's work encourage the belief that the effort which is here being made to establish in Louisiana a female college of the first rank has been appreciated, and that the college will continue to receive the support necessary to its future usefulness and prosperity. By the generous liberality of its founder the endowment fund has been recently increased, and the administrators are thereby enabled to offer for the coming season increased facilities for thorough instruction. The academical department will be separated from the college proper, and, while remaining under the same general management, will be provided with opportunities for study and recitation specially adapted to its grade of work. Additions will also be made to the apparatus and material for the various laboratories and studios as the demand for them may arise.

The following faculty has been appointed:

FACULTY.

BRANDT V. B. DIXON, A. M.,
PRESIDENT AND PROFESSOR OF HISTORY AND MENTAL SCIENCE.

JOHN M. ORDWAY, A. M.,
PROFESSOR OF BIOLOGY.

MRS. EVELYN W. ORDWAY, B. S.,
(Mass. Inst. Technology)
CHEMISTRY AND PHYSICS.

FLORIAN CAJÖRI, M. S.,
PROFESSOR OF MATHEMATICS.

MRS. J. C. NIXON,
ENGLISH AND RHETORIC.

MISS L. G. EDWARDS,
LATIN.

J. HANNO DEILER,
PROFESSOR OF GERMAN.

MISS MARIE J. AUGUSTIN,
FRENCH.

ELLSWORTH WOODWARD,
PROFESSOR OF DRAWING AND PAINTING.

MISS GERTRUDE ROBERTS,
DRAWING AND PAINTING.

MISS EMMA S. ROSSNER,
PRINCIPAL OF THE ACADEMY.

FLORIAN SCHAFFTER,
DIRECTOR OF VOCAL MUSIC.

(To be appointed.)

.....
INSTRUCTOR IN STENOGRAPHY AND BOOKKEEPING.

MISS MATTIE M. AUSTIN,
SECRETARY.

COURSES OF STUDY.

In the Academy all students will be required to follow the same course of study, with the exception that French may be studied instead of Latin. Bookkeeping and Type-writing in the second year are optional

In the College the students have an election between four different courses, the Classical, Literary, Scientific, and Industrial, each of which presents a well rounded curriculum and leads to the Baccalaureate degree. The successful completion of optional studies will be rewarded with a special certificate.

It will be noticed that in all of these courses special prominence has been given to the study of Art, in the conviction that the advantages to be derived are of the highest value in the education of the eye and hand, and in the cultivation of correct taste, at the same time that it offers a desirable relaxation from the more exacting work of the class-room.

ACADEMICAL DEPARTMENT.

FIRST YEAR.

Latin or French.
Higher Arithmetic.
English Analysis.
United States History.
Physical Geography.
Industrial Drawing.

SECOND YEAR.

Latin or French.
Algebra.
Rhetoric.
Outline of History.
Physiology.
Industrial Drawing.
Bookkeeping
and Type-writing (optional).

COLLEGE COURSES.

CLASS.	CLASSICAL.	LITERARY.	SCIENTIFIC.	INDUSTRIAL.
COLLEGIATE.	Latin..... Geometry..... English..... Greek..... Ancient History..... Industrial Drawing.....	Book-keeping or French..... Geometry..... English..... Ancient History..... Industrial Drawing.....	Latin..... Geometry..... English..... French or German..... Biology..... Industrial Drawing.....	Book-keeping..... Geometry..... English..... French or German..... Biology..... Industrial Drawing.....
SOPHOMORE.	Latin..... Greek..... Algebra and Trigonometry..... English Literature..... Mediæval History..... Drawing and Design.....	French or German..... Algebra and Trigonometry..... English Literature..... Mediæval History..... Drawing and Design.....	French or German..... Algebra and Trigonometry..... Physics..... Biology..... Drawing and Design.....	French or German..... Algebra and Trigonometry..... Physics..... Biology..... Drawing and Design.....
JUNIOR.	Latin..... Greek..... Physics..... Standard English Authors..... English History..... Psychology..... Art (optional).....	French or German..... Physics..... Standard Authors..... English History..... Psychology..... Art (optional).....	French..... German (optional)..... Chemistry..... Geology..... Analytical Geometry..... Psychology..... Decorative Art.....	French or German..... Chemistry..... Geology..... Analytical Geometry..... Psychology..... Decorative Art.....
SENIOR.	Latin..... Greek..... Chemistry..... Saxon and Shakespeare..... History of Our Own Times..... Ethics.....	French or German..... Chemistry..... Saxon and Shakespeare..... History of Our Own Times..... Ethics.....	French or German..... Calculus..... Chemistry..... Astronomy..... Ethics.....	French..... German (optional)..... Calculus..... Chemistry..... Astronomy..... Ethics..... Decorative Art and Painting.....

SPECIAL STUDENTS.

Although students are strongly urged to take one of the regular courses, it may nevertheless occur that, for various reasons, some will decide to pursue a partial course, or confine their work to a single branch. For such special students provision will be made, and each one who shall complete with credit the work prescribed in any study shall be entitled to a certificate of excellence. These special courses will be of value to those who intend to prepare themselves for teaching some particular branch, or those who, having completed their school or college career, nevertheless, are unwilling to abandon further intellectual pursuits, and desire to devote a part of their time to the prosecution of some favorite study. In addition to the special courses in Language, Chemical and Physical Laboratory and Art, Lecture Courses in French and English Literature, and in Psychology will be given twice a week during the second and third quarters of the coming session.

LABORATORIES.

The well equipped Chemical and Physical Laboratories offer exceptional advantages for the successful and thorough prosecution of scientific study. Each student here cultivates the ability to conduct the various experiments, determinations and analyses, and acquires that practical knowledge which finds its use and application in Pharmacy, Medicine, and the Industrial Arts.

ART.

The College proposes to offer the best possible facilities for thorough Art study, and for the benefit of those who intend to devote their entire time to this study, the following four years' course has been arranged. To those who complete satisfactorily the entire course a special certificate will be given.

SPECIAL NORMAL ART COURSE.

COLLEGIATE.

Derivation and Use of Lines.
Study of Forms and Proportions
with Clay.
Geometric Forms.
Constructive Drawing.
Floral Forms.
Elements of Design.
Elementary Projection of Solids.

SOPHOMORE.

Free-Hand Prospective.
Model and Object Drawing.

JUNIOR.

Mechanical Perspective.
Shading from Models and Groups.
Shading from Cast.
Constructive Drawing.
Harmony and Chemistry of Color.
Color Design.
Water Color from Still Life.
Projection of Shadows.
History of Sculpture.

SENIOR.

Anatomy of the Figure
Drawing from Life.

Geometric Forms.	Modeling.
Design.	Wood-carving.
Orthographic Projection.	Casting.
Constructive Drawing	Design in Relief.
History of Ornament.	Oil Painting.
Elements of Shading.	History of Painting.
	Illustrative Media.

Special students may follow any of the above subjects without taking the entire course.

Saturday classes will be formed for the accommodation of those whose time limits them to that day.

The right is reserved to retain certain drawings from each student.

TIME OF RECITATION.

In art and in laboratory work from one and a half to two hours are allowed for each recitation; in other studies the time will vary from forty-five to sixty minutes, as may be found necessary.

ADMISSION OF STUDENTS.

Applicants for admission to the Academic Department must be at least twelve years of age, and must pass a satisfactory examination in the following branches:

English Grammar,	A Short History of the United States,
Geography,	Elements of Composition.
Arithmetic,	

Applicants for advanced grades must be prepared in all studies prescribed for the lower classes or furnish satisfactory equivalents.

The date set for the opening of the College is Monday, October 8th, 1888; the preliminary examinations will be held in the College building on Thursday and Friday, October 4th and 5th preceding the openings. Examinations for admission will also be held on Friday and Saturday, June 14th and 15th, 1889.

The handsome College buildings and grounds are located in the heart of the city, on Camp street and Howard Avenue and Lee Circle, are convenient of access by many lines of street cars, are well lighted, ventilated and have all sanitary advantages.

Boarding students will be able to find pleasant accommodations near to the College and amidst agreeable associations.

In its public lectures, libraries and museum, Tulane University offers many opportunities to the students of the Female College.

The city affords large facilities for acquiring a thorough knowledge of the modern languages, and board can be obtained in families where French, German or Spanish is correctly spoken.

TERMS.

The scholastic year will be divided into four quarters of nine weeks each.

For any regular course, per quarter..... \$25

For a special course in Art, per quarter..... 10

For other special studies, per quarter, each..... 8

For the lecture course in Literature or Psychology, for the
course..... 10

For Saturday Art Class, per quarter..... 4

Beyond the full charge of \$25, there are no extras. All dues payable quarterly in advance.

ATTENDANCE.

The attendance during the session 1887-88, was as follows:

Regular Students—Academic and Collegiate..... 59

Literary or Scientific, Special..... 25

Special Art..... 34

Saturday Art Class..... 32

Total.....150

CERTIFICATES.

A Certificate was granted to Miss Jerry Chapsky, for the completion of the special course in German. Certificates for the completion of the Sophomore year in Normal Art, were given to Mrs. C. F. Belden, Miss L. H. Hincks, Miss Belle Robertson, Miss Katie R. Walker, and Miss Hattie C. Joor. Certificate for the course in Stenography and Type-writing to Miss Frederica Neustadt.

Further information furnished on application to Brandt V. B. Dixon, President of the College, or to Wm. O. Rogers, Secretary of Tulane University.

FREE DRAWING SCHOOL.

CORPS OF TEACHERS:

Professor WM. WOODWARD.

Assistant Professor ELLSWORTH WOODWARD.

Instructors A. F. DELBERT, H. J. MALOCHEE.

(——— To be appointed.)

The Free Drawing School of the Tulane University closed its fourth session in May, 1888. A brief review of the objects and results of this important work seems appropriate at the present time. It has been criticised as alien to the legitimate province of a University, and, in a narrow sense, the criticism is just. But the duty imposed upon his administrators by Mr. Tulane was the higher education of the white youth of Louisiana, and they were constrained, in view of the depressed condition of education here, to take the broadest view of their responsibility. Recognizing that the prime function of the University is the higher education of its students, and that it also owes to science and the world encouragement and aid in the prosecution of original research, investigation and discovery in some of the many branches of human knowledge, they felt that, to complete the round of its duty to humanity, the University had still the further duty to assist in elevating the general level of tone and culture in the community and State by every means in its power. The two former objects were effected directly, and the third indirectly, by the appointment of an able and energetic faculty. But an intelligent and appreciative public is an atmosphere essential to the growth and prosperity of the University itself, and, with the many discouragements to education here, it behooved its guardians to take energetic steps for the enlightenment and improvement of all who aspired to a better intellectual condition. Their good faith in carrying out this view is evinced in our Free Museum, our Free Libraries, our Free Public Lectures, and our hospitality to every association engaged in legitimate literary or scientific work. But their largest, most direct and most fruitful scheme of public beneficence has been the Free Drawing School.

Drawing as an art is the foundation of so many branches of industry and as a training calls into play so many faculties of man that the education of a community in it would be a priceless gift. In no other way could Tulane University do so much for the general public as by extending to all who sought this means to further self-development gratuitous instruction in Drawing. Classes were opened and hundreds eagerly availed themselves of the privilege. More than twenty-five hundred pupils have received free tuition, numbered by separate years, and more

than fifteen hundred allowing for the double counting of those who have followed the course more than one year. So far no one has been denied admission to these classes, who came within the category of breadwinners, and indeed the only restriction placed upon entrance has been immaturity in age or incompatible duties. As the classes advanced, higher grades of instruction have been thrown open and the best kinds of work have been secured in Mechanical and Architectural Drawing, Drawing from nature, Freehand Drawing, Drawing from casts, Design, Color Ornamentation, Painting in Water Colors and Oil, Modeling in clay, and Wood-carving.

The following is the scheme of study which has been pursued in the past, with a table showing the whole number of students and also the number who have taken certificates in the Free Drawing classes of Tulane University of Louisiana. All Evening Classes have two nights each. Session six months for all classes.

1884-5—OPENING YEAR. SHORT SESSION.

	Ent.	Passed Exams.		Ent.	Passed Exams.
Sat. Drawing class for teachers—		No Exams.	Evening class for men—		No Exams.
First section.....	88		Mechanical Drawing.....	41	
Second section.....	90		Freehand Drawing.....	51	
			Both F. H. and Mech....	38	
Total.....	178		Total	133	
Total number of Students.....311					

1885-6

	Ent.	Passed Exams.		Ent.	Passed Exams.
Sat. class for teachers—			Evening class for men—		
Drawing.....	145	50	El. Mechanical.....	76	27
School methods.....	110	52	Adv. "	88	31
			El. Freehand.....	85	33
Total.....	255	102	Total.....	289	108
Decorative Art Evening					
Class for women.....	110				
Total number of Students entered.....654.					

1886-7.

	Ent.	Passed Exams.		Ent.	Passed Exams.
Sat. classes for teachers—			Evening classes for men—		
Drawing, Advanced.....	62	27	Freehand, Advanced....	15	7
" Elementary.....	269	100	" Elementary....	35	13
School Methods, Adv'ced.	30	20	Mechanical, Advanced....	9	7
" " Elementary.	62	25	" Elementary....	45	13
			Architectural.....	24	8
Total.....	423	199	Preparatory.....	170	84
Decorative Art Evening			Total.....	298	132
Class for women.....	118				
Normal Students who assist					
in teaching.....	5	5			
Total number of students admitted..... 839					

1887-88.

	Ent.	Passed Exams.		Ent.	Passed Exams.
Sat. classes for teachers—			Evening classes for men—		
Drawing, Advanced.....	79	39	Freehand, Senior.....	8	—
“ Elementary.....	210	67	“ Junior.....	20	—
School Methods, Adv'ded..	44	9	“ Elementary... ..	30	6
“ “ Ele'my.....	106	81	Mechanical Senior.....	4	4
Total.....	439	196	“ Junior.....	10	7
Decorative Art Class for			“ Elementary... ..	63	17
women, Evening.....	73		Architectural, Senior.....	3	3
Normal students who assist			“ Junior.....	6	5
in teaching.....	2	2	Preparatory class.....	123	32
			Total.....	267	74

Total number of students admitted..... 781

Total admissions for the four sessions.....2585

Total number of students finishing their classes, exclusive of students
in Decorative Art, who were not graded..... 838

Number of students in Decorative Art..... 301

The Free Drawing School will be held at the Tulane Manual Training School from November to April, four nights in the week, and on Saturdays. There are night classes for men and youths employed during the day with their regular trades, work, or business. Each of these classes will meet two evenings in the week and will be occupied from 7:30 to 9 o'clock.

PREPARATORY CLASS.

Beginners enter the Preparatory Class. They may, with diligence, complete the work of this class in one session, or may, for good reasons, remain in it for a second session. Both free hand and mechanical drawing are required of all in this class. Students who complete its work are advanced to a higher class and may choose between the Freehand and Mechanical Drawing classes, or, if they show sufficient proficiency, may attend both.

MECHANICAL COURSE IN DRAWING.

The Mechanical Course has three classes, Elementary, Junior and Senior. These classes are intended to aid mechanics who are striving to improve in their work. It affords them the necessary medium or language by which they can develop the idea of the designer from his drawings, or give form to their own ideas for others to perfect.

The Elementary Mechanical Evening Class for men and youths pursues mainly the study of geometric solids; attention is also given to helical and other curves and their actual occurrence and to the projection of shadows. They likewise make working drawings from models and machines, giving all the details of construction.

The Junior Mechanical Drawing Class is occupied with the study and drawing of cams and toothed gearing of various sorts, and other Machine drawing. Careful finish, with the use of shading, is insisted on.

A small Senior Class has pursued the study of Mechanical drawing into the more detailed and scientific branches, with the study of eccentrics, conics and the various methods of gearing wheels.

Many students of these classes gratefully acknowledge the benefits they have derived from this instruction, which has resulted in a more liberal and enlarged view of their work, in better wages, and in additional avenues to employment.

ARCHITECTURAL COURSE.

Students who have finished the Elementary Mechanical Class in Drawing may enter the Architectural Course, which embraces two years, Junior and Senior.

The Junior Architectural Class, having already had some practice in drawing details from woodwork, first makes a complete set of drawings requisite for the completion of a house. They study mechanical perspective as applied to buildings, free hand perspective, and historic ornament. They draw plans and elevations of buildings from specifications supplied them and from actual measurement of the buildings themselves, and, where they evince the ability, furnish original designs for public buildings or private residences.

Some of the students of these classes have obtained remunerative positions as draughtsmen or as teachers in good institutions, the result of their success in these classes.

FREE HAND COURSE.

This course has three classes, Elementary, Junior and Senior. Students who have completed the Preparatory Class may enter the Elementary Free Hand Class, if they so elect. In it they take up the elements of perspective and shading, and practise freely from casts and natural objects. The anatomy of the human figure is studied to prepare for the Junior Freehand Class, which carries the subject still further and devotes much attention to the careful study of form in general and the human form in particular. The history of the leading styles of ornament is also pursued.

This course thus prepares students for illustrators and designers, and lays a foundation for future art studies.

The Senior Freehand Class devotes its attention mainly to the analysis of the human form, and the skeleton, muscles, etc., are drawn so as to give a classic rendering of the figure in repose and action. Modeling the various parts in clay is also employed as a valuable aid for the artist or figure designer, as tending to develop a latent taste for sculpture.

The aim in these free evening classes is to offer such interesting and comprehensive instruction in drawing as may stimulate and direct the student to the higher planes of Art.

SATURDAY CLASSES.

These classes have been largely attended by both women and men, chiefly by women. They were at first intended principally to aid the teachers of the Public Schools, but their scope has enlarged, and they now lead both to the Fine Arts and to the practical uses of the Industrial Arts. The intention is not to carry students to their full development in any direction, which is beyond the financial resources of the School, but to lay a solid foundation for both the Fine and Industrial Arts, by correct instruction and practice in Drawing and the immediately cognate arts resting on Design, Color and Ornament.

All applicants for admission are required to enter the Preparatory Class, or to evince the fullest and most satisfactory ability to receive its certificate. In this class the student is instructed in the elements of both Freehand and Mechanical Drawing to the same proficiency as the Preparatory Class, in the Night School, already explained. The student may remain in this class two years, but cannot be advanced to a higher class without receiving a certificate of proficiency in the Preparatory Class.

The Course follows closely that pursued in Boston, and has heretofore been included among the required studies of the Normal School of this city.

Those students who receive certificates in the Preparatory Class, or exhibit satisfactory evidences of ability to prosecute the work of the higher classes, may elect between the Advanced Drawing Class, the Class in Decorative Art, and the Class in School Methods.

The Advanced Class pursue their art by drawing from geometric models and natural objects, so as to acquire as definite a knowledge of principles and as sound practice in Art as possible in the limited time allowed.

The Class in School Methods is intended principally for teachers, and studies Drawing as a branch of school education. It aims at a symmetrical course, based upon the best practice of Normal Schools.

The Decorative Art Class is instructed in outlining with chalk and charcoal, in the elements of design, both in conventional and natural form. The elements of form in straight line and curve, with practice in balancing lines and forms, so as to compose original arrangements, are first taught. Then follow the study and representation of natural forms in flowers and leaves, as it is here that the material for original work is best obtained, and because there is an inspiration in studying works fresh from the workshop of nature, that cannot always be found in contemplating the work of human hands, which are

quite apt to be perverted from truth to suit some passing fancy. Correct methods of conventionalizing natural forms are also taught, as preliminary to any successful mastery of original design. Historic examples of design are copied in color to train the taste in style and proportion of color, and original designs in flat colors on suitably tinted paper are made by the pupils. Some instruction is also given in designing and modeling in relief with clay, with reference to further study in pottery decoration and architectural detail in stone or terra cotta.

Some of the work of this class in the past has elicited the warmest praise from judicious critics.

The instruction in Decorative Art having been undertaken by the H. Sophie Newcomb Memorial College for Young Women and Girls, under the most favorable auspices, and the general diffusion of a knowledge of the principles of Art and the establishment of several societies for its encouragement and improvement having supplied some of the more pressing needs, the night classes of Decorative Art for women will be discontinued during the coming year. This is also rendered necessary by the great pressure upon the time of our teachers.

In the further pursuit of their studies in Art and Industrial Design, the graduates of the free classes have organized several thriving societies. Though these have no official or business connection with the University, the members have prosecuted their laudable aims to higher and practical ends under the direction of Professor William Woodward, Professor of Drawing in the University. They all make their headquarters at 249 Baronne street.

The "Five or More Club," is an art or sketch club, which has entered enthusiastically on its special walk.

The Tulane Decorative Art League for Women has its exhibition, executive, reading and work-rooms at 249 Baronne street. The members have all pursued the course of the Decorative Art Class in the Free Drawing School, and have received instruction in drawing, design, color decoration, modeling in clay and wood-carving. The pupils in this class, as an initiatory step, were instructed, on alternate nights, in the art of manipulating clay in the Modeling room, and in the use of carpenter's tools in the shops of the Manual Training School. The workers naturally divided into wood-carvers and clay-modelers, and now there are a number of persons practically engaged in each department.

The New Orleans Art Pottery Company, with its office and works also at 249 Baronne street, has exhibited vases and other pottery of original design which have elicited the admiration of the well-informed.

The Tulane Art and Library Association is likewise a society formed among the pupils of these free classes for the purpose of securing fuller and readier access to the means of improvement in their special studies.

TULANE UNIVERSITY OF LOUISIANA.
LAW DEPARTMENT.

FACULTY.

WILLIAM FRANCIS MELLEN, LL. D., DEAN.

RANDELL HUNT, LL. D., EMERITUS RECTOR,
PROFESSOR OF CONSTITUTIONAL LAW, COMMERCIAL LAW, AND THE
LAW OF EVIDENCE.

WILLIAM FRANCIS MELLEN, LL. D.,
PROFESSOR OF COMMON LAW AND EQUITY JURISPRUDENCE, AND
LECTURER ON CRIMINAL LAW AND THE LAW OF PLEADING.

HENRY CARLETON MILLER,
PROFESSOR OF ADMIRALTY AND INTERNATIONAL LAW.

HENRY DENIS,
PROFESSOR OF CIVIL LAW, AND LECTURER ON THE LAND LAWS OF
THE UNITED STATES.

The Law Department was organized in 1847. Under a series of distinguished professors, it has been in successful operation ever since.

The degree of Bachelor of Laws granted by the University entitles the person on whom it is conferred to admission to the bar of this State. The graduates of the school constitute a large number of the most respectable practitioners of law in Louisiana. Some of them now occupy high judicial positions.

The great fountain of the jurisprudence of Louisiana is the Roman Civil Law. While it is necessary to study here, as in other States of the Union, the Laws of Nature and Nations; Admiralty and Maritime Law; the Common Law; Equity and Constitutional Law; it becomes absolutely requisite to add to these the study of the Civil Law, from which the provisions of the Code of Louisiana are mainly borrowed.

The lectures and course of studies are comprehensive. The Faculty aim to prepare the student for admission to the bar, not only in this State, *but also in any of the Common Law States of the Union.* The school

is not designed or limited to educate one for the practice of the law in Louisiana only. It invites to its lectures all who wish to fit themselves for the practice of the law, no matter where they now reside or in what State they may intend to follow this noble calling. The study of the two great systems of law, side by side, is to the student of any intellectual grasp a long step in the science of Comparative Jurisprudence.

The jurisprudence arising from the conflict of the law of different States and Nations, in their actual application to modern commerce and intercourse, is here practically taught by cases daily arising in the business of private persons.

The Supreme Court, the various courts of the State, the Circuit Court and the District Courts of the United States, hold their sessions in New Orleans during the whole period of the course of lectures of this department of the University. Thus, from the actual administration of justice in these courts, from the discussions at the bar and the opinions of the learned judges, as well as from the lectures of the Professors of the Law Department of the University, students have an opportunity of becoming acquainted with the theory of foreign laws as well as of our own laws, and of familiarizing themselves with the practice of the State and Federal Courts.

The Library of the State has been suitably arranged over the lecture room in the University building, devoted to the Department of Law, corner of Tulane Ave. and University Place. This library consists of nearly thirty thousand volumes, and includes a highly valuable collection of foreign and American legal works, and of Law Reports. During term time, it is open daily from 9 A. M. until 3 P. M., and from 4 P. M. until 6 P. M. The use of the books is secured to students free of charge, under rules established by the Secretary of State.

Boarding in New Orleans for students can be had at moderate prices. No other city in the Union affords equal advantages for the acquisition of the modern languages.

REGULATIONS.

Every applicant for admission must be personally known to one of the professors or satisfactorily introduced.

Instruction will be given at the school daily during term time by lectures and expositions, and examinations in connection with them.

Moot Courts will be held for the instruction of the students in practice.

There will be a regular Public Commencement of the Department every year.

The Faculty will, previous to the Commencement, determine upon the qualifications of applicants for the degree of Bachelor of Laws, and present their names to the administrators.

The degree of Bachelor of Laws will be conferred on those students only who shall have attended *two full courses* of lectures; or *one full course*, after having pursued their studies for the term of twelve months under the direction of a respectable counselor at law, or in an institution having power to confer the degree of Bachelor of Laws, and who shall, on examination by the professors, be found worthy of the honor.

The degree will be conferred on Commencement Day, in public, according to the forms usually observed in Universities.

The degree will not be conferred on any student under the age of twenty-one years, or who shall not attain that age on or before the 15th day of November next after his application for the degree. But in no case will the diploma be delivered until the graduate reach his majority.

Every graduate of this Department is entitled to attend the lectures without charge.

No matriculation fee is now required. Diplomas will be granted without charge therefor. Eighty dollars, payable in advance, is the only charge made by this Department for the lectures and instruction of an entire session.

Students may enter at any stage of their professional studies, and at any time in the term; they may avail themselves of the advantages of the school in whatever manner and to whatever extent they may see fit. But those who join the class after the 15th of January will not be considered as having taken a full course.

The next annual session of this Department will commence Monday, November 19th, 1888, and terminate in the ensuing month of May.

The exercises for the session 1888-89 will be opened by the Dean, by public lecture, at 6.30 P. M., on the 19th day of November.

Daily thereafter, at the customary hours, the regular lectures of the session will be delivered. These lectures will be open to none but matriculates and graduates of this Law School, except upon special invitation.

Commencement Exercises May 15th, 1889.

All communications should be addressed to

WILLIAM F. MELLEN,

Dean of the Faculty of Law,

53 Carondelet Street,

New Orleans, La.

May 19th, 1888.

ROLL OF LAW STUDENTS, 1887-1888.

SESSION OF 1887-'88.

A. K. Amacker,	P. Hennessey,
George C. Andry,	J. F. Henry,
Johnson A. Armstrong,	W. Henry,
R. T. Athens,	M. T. Hewes,
D. D. Avery,	D. C. Hollander,
R. F. Broussard,	L. L. Hooe,
E. J. Bougère,	G. M. Horner,
E. M. Cahn,	H. Kenner,
R. L. Caspari,	H. J. Lavergne,
Andrew Cammack,	Victor Leovy,
Edward Cammack,	U. Marinoni,
M. J. Cunningham,	John Marks,
F. J. Dreytous,	L. E. Michelet,
E. B. Dubuisson,	E. D. Miller,
Clay Elliott,	Geo. W. Moore,
Fred. C. Font,	E. H. McCaleb,
Charles Forman,	Jas. McConnell, Jr.,
George E. Foster,	Wm. C. McLeod,
Harris Gagné,	J. J. McLaughlin,
E. L. Gammage,	Geo. T. Patton,
Henry L. Garland,	Joseph F. Poche,
Lee Garland,	F. J. Puig,
Edgar Grima.	Jacques M. Queyrrouze,
J. V. Harris, Jr.,	J. R. Richardson,
L. A. Harris,	R. G. Richardson,
W. H. Harvey,	N. R. Roberts,
J. B. Rosser,	B. Stifft,
B. F. Thomas,	Lee Viers,
F. R. Wall,	George C. Walshe,
W. G. Weeks,	Edward Weeks.—60.

TEXT BOOKS OF THE LAW DEPARTMENT.

KENT'S COMMENTARIES,
WOOLSEY'S INTERNATIONAL LAW,
WHEATON'S INTERNATIONAL LAW,
CONKLIN'S U. S. ADMIRALTY.

CIVIL CODE OF LA. AND CODE OF PRACTICE,
COOPER'S JUSTINIAN,
LAURENT, COURS DE DROIT CIVIL,
MARCADÉ ON THE FRENCH CODE, or
MOURLON, RÉPÉTITIONS ÉCRITES, ETC.

BLACKSTONE'S COMMENTARIES,
STORY'S EQUITY JURISPRUDENCE,
SMITH'S MANUAL OF EQUITY,
SMITH'S MERCANTILE LAW,
STORY ON BILLS OF EXCHANGE AND PROMISSORY NOTES,
ABBOTT ON SHIPPING,
ARNOULD ON INSURANCE,
GREENLEAF ON EVIDENCE.

PROFESSORS OF THE LAW DEPARTMENT
OF THE
UNIVERSITY OF LOUISIANA,

Now Tulane University of Louisiana,

FROM ITS ORGANIZATION IN 1847 TO THE PRESENT TIME.

**PROFESSOR OF CONSTITUTIONAL LAW, COMMERCIAL LAW AND THE LAW OF
EVIDENCE.**

1847. RANDELL HUNT, LL. D., EMERITUS RECTOR.

PROFESSORS OF CIVIL LAW.

1847. HENRY ADAMS BULLARD,
1850. CHRISTIAN ROSELIUS, LL. D.,
1873. THOMAS JEFFERSON SEMMES,
1879. CARLETON HUNT, LL. D.,
1883. JAMES B. EUSTIS,
1884. HENRY DENIS.

PROFESSORS OF COMMON LAW AND EQUITY JURISPRUDENCE.

1847. RICHARD HENRY WILDE,
1847. THOMAS BENTON MONROE,
1852. SYDNEY L. JOHNSON,
1855. ALFRED HENNEN,
1870. THOMAS ALLEN CLARKE, LL. D.,
1878. WILLIAM FRANCIS MELLEN, LL. D., DEAN.

LECTURER ON COMMON LAW AND EQUITY JURISPRUDENCE.

1851. DANIEL MAYES.

PROFESSORS OF ADMIRALTY AND INTERNATIONAL LAW.

1847. THEODORE HOWARD McCaleb, LL. D.,
1865. ALFRED PHILIPS, LL. B.,
1869. CARLETON HUNT, LL. B.,
1879. CHARLES E. SCHMIDT,
1882. HENRY CARLETON MILLER.

GRADUATES OF THE LAW SCHOOL.

1847-48.

J. W. Blake,
Wm. E. T. Griffith,
David Ker,
John Ker,
M. R. Young,
Charles Wilson,
A. A. Peniston,
W. Newton Mercer,

David C. Labatt.
Chas. A. Kellogg,
J. B. Smith,
A. H. Perrilliat,
Wm. L. Ditto,
Ayres P. Merrill,
J. F. Reine.
Henry C. Castellenos.—16.

1848-49.

Anthony W. Baker,
Robert Cooke,
David Cresswell,
Octavius G. Dupuy,
William A. Gordon,
Freeman P. Hichborn,
Horatius L. Hunley,
Henry J. Leovy,
Virginus H. Ivy,
Andrew Monroe,
John M. Richards,

Henry G. Denis,
Marcellus A. Foute,*
Ferdinand M. Goodrich,
Alphonse Gentile,
John B. Robertson,
R. G. Smith,
G. B. N. Wailes,
Chatham R. Wheat,
Zebulon York,
George Eustis, Jr.
Peter Alexander.—22.

1849-50.

Lorenzo Allis,
Samuel Perry Auchmuty,
L. F. Bundy,
George L. Bright,
Alexander Barrow,
J. S. Barrow,
Orlando Dorsey,
H. M. Favrot,
George M. Gaither,
Frederick L. Gates,
Pliny D. Hardy,
A. S. Lewis,
William H. Lawes,

Edmund Maurin,
Hasting P. McKeever,
E. W. Robertson,
Arthur Saucier,
Peter Smith,
L. W. Smith,
Charles A. Taylor,
J. M. Underwood,
Douglass West,
S. L. West.
D. P. Winans,—25.

1850-51.

Edward J. Carroll,
Charles A. Davis,
James Dixon,

George M. Nutt,
John Osborn, Jr..
Adonis Petit,

*Deceased.

Stephen P. Ellis,
 Richard L. Watson,
 John J. Eubank,
 Jesse Gilmore,
 Michael Hahn,*
 Calhoun Haile,
 Leonidas B. Harper,
 Hugh D. McCann,
 James McConnell,
 William Reed Mills,
 David F. Mitchell,
 E. P. Nicholson.

Armand Pitot,
 Alfred D. Roney,
 James W. M. Harris,
 John S. Holt,
 Rufus King Howell,
 Louis Hyer,
 Amasa Lathrop,
 Salomon S. Sharp,
 Atticus Slaughter,
 Benjamin S. Tappan,*
 N. O. J. Tisdale*—29.

1851-52.

W. F. T. Bennett,
 Edward Bermudez,
 Joseph Bossier,
 Charles M. Bradford,*
 Albert G. Brice.
 J. Dominique Brunet,
 J. M. L. Buford,
 Garrett J. Burke,
 R. R. Caldwell,
 Lucien Charvet,*
 William Cornelius,
 John Redman Coxe,
 Durant Da Ponte,
 Albert Dejean,
 Ira Divoll,*
 H. Duncan,
 Guy Allard Duplantier,
 James E. Elam,
 Thornly Shaw Elliott,
 John Quincy Adams Fellowes,
 H. B. Graves,
 Camille E. C. Guillet,

W. S. Harding,
 Henry W. Holman,
 Edward W. Huntington,
 John David Jones,
 Henry J. Labatt,
 N. V. Lane,
 Tobias L. Lemly,*
 John Marcot,
 Joseph D. Mayes,
 Robert E. McHatton,
 Gabriel P. McPheeters,*
 J. S. Murray,
 George M. Penn,*
 Clement B. Penrose,
 McK. Petty,
 Francis Preston,
 John S. Scott,
 M. M. Smith.
 Nevil Soulé,*
 John Wadsworth,
 Rufus Waples,
 Warren Woodson—44.

1852-53.

John Archinard,
 C. Barilleau,
 Cyrus T. Bemiss,*
 William T. Brigham,
 Claiborne C. Briscoe,
 Henry Cline,

Charles Oscar Dugué,
 John H. Howard,
 Charles V. Jonte,*
 Hugo B. Knox,
 Paul E. Laresche,
 Gustave Legardeur, Jr.,

*Deceased.

G. W. Conn,
 Robert M. Lusher,
 A. L. Lyon,*
 Blanton H. Duncan,
 Edward Randolph Duncan,
 Francis Ducan,
 Charles L. C. Dupuy,
 Charles T. Estlin,
 Charles A. Farwell,
 Daniel C. Gilbert,
 W. Griffin,
 William T. Hall,
 Jonathan H. Haralson,

Thomas H. Lindsey,
 Michael Hayes,
 Dwight Martin,*
 John McEnery,
 Leon D. Marks,
 Davis H. Packer,
 Alfred Philips,*
 Nicholas H. Rightor,
 Charles E. Schmidt,
 George Spear,
 Alexander Y. Walton,
 Clemens S. Watson,
 James C. Weak—38.

1853-54.

Ashford Addison,
 Richard Daniel Blossman,
 Richard Horace Browne,
 M. T. Carter,
 Byron F. Cook,
 Arthur D'Arcy,
 John E. Dillon,
 Anthony Dominique,
 L. C. Duncan, Jr.,
 Richard M. Dyson,
 James C. Egan,
 Thomas Hite,
 Edward Ivy,

W. L. Lacy,
 John Jay Lane,
 R. Prosper Landry,
 George William Martin,*
 John Meux,
 Homer Joseph Mille,
 E. A. Ollivier,
 Edgar Planchard,
 Frederic M. Poland,
 James Timony,
 M. Voorhies,
 Joseph R. Winchester—25.

1854-55.

James Donatien Augustin,*
 F. P. Austin,
 A. P. Avegno,
 Azel B. Bacon,
 Adelma G. Broussard,
 J. A. Diamond,
 Charles E. Fenner,
 Randall Lee Gibson,
 Eugene Janin,
 Benjamin Franklin Jones,
 O. Labauve,
 A. P. Lauve,

John M. Leggett,
 J. H. Maddox,
 Samuel Meyers,
 Thomas O. Benton,
 Edward G. W. Butler, Jr.,
 Julien Michel,
 S. B. Noble,
 Percy Roberts,
 J. A. Ventress,
 D. J. Wilkins,
 John Yoist—23.

*Deceased.

1855-56.

John M. Bonner,
R. D. Bridger,
J. W. Burgess,
Felix Robert Brunot,
C. O. Carlin,
W. O. Crain,
Rufus King Cutler,*
N. H. Harris,
J. Houston,
O. Lauve,
Thomas Layton,

Olivier Lebeau,
Joseph B. Lyman,
John McKee,
John W. Thomas,
William Van Hacten,
William S. Vaughan,
H. W. Walsh,
S. Wells,
Joseph Whittington,
W. A. Whyte,
Benj. F. Winchester—22.

1856-57.

William B. Abbingtion,
Robert H. Bradford,
Thomas J. Castell,
Charles W. Carter,
William B. Cline,
Frederick D. Conrad, Jr.,
Emmet D. Craig,
Charles P. De Lee,
Benjamin Deblieux,
Thomas C. W. Ellis,
John P. Haney,
U. S. Hause,

G. L. Jones,
James L. Lane,
E. St. Mesme Le Breton,
John C. Lewis,
Paul Morphy,*
Cyrus H. Ratliff,
John J. Slocum,
James Fisher Smith,
William Brainerd Spencer,*
J. L. Torbett, Jr.,
E. E. Voorhies,
T. P. White—24.

1857-58.

Leopold L. Armant,
M. N. Bartlette,
J. L. Billieu,
Richard C. Bond,
J. Harvey Brigham,
B. E. Chaney,*
Thomas P. Clinton,
T. W. Compton,
Frederick Freret,
J. B. Grayson, Jr.,
W. E. Gibson,
Alfred Grima,
James P. Harris,
Lyman Harding,

W. H. Knight,
G. Leche,
Louis Leveque,
J. Grafton Lothrop,
H. D. Magruder,
Charles N. Morse,
H. B. Murphy,
Thomas Overton,
Charles M. Pilcher,
R. L. Preston,
R. L. Richardson,
J. C. Stafford,
James A. Strother
P. Tappan,

*Deceased.

Carleton Hunt,	M. Valentine,
P. C. James,	W. W. Wall,*
Edwin L. Jewell,*	William G. Wyly.

John Hanson Kennard.*—35.

1858-59.

E. Allain,	E. Janin,
J. Allain,	J. Laurans,
Raphael Beauvais,	G. A. Lester,
J. R. Bledsoe,	Charles H. Luzenberg,
J. A. Breaux,	G. Spencer Mayo,
L. L. Butler,	G. M. Morgan,
T. E. Camus,	E. F. Newman,
Kimball Cross,	Victor Olivier, Jr.,
W. B. Dinson,	S. E. Packwood,
William Duncan,	C. M. Pegues,
G. Soniat,	Edward M. Preston,
J. T. Ellis,	G. G. Richardson,
Ernest T. Fellowes,	R. Richardson,
James Fuller,	Anthony Sambola,
J. A. Haynes,	A. W. Semmes,
Albert D. Henriques,	S. S. Semmes,
W. H. Holmes,	J. J. Smith,
P. S. Hyams,	R. M. R. Spearing —36.

1859-60.

Joseph B. Blount,	Francis E. Macmanus,
W. W. Campbell,	William M. Gregor,
R. P. Cates,	Horatio Nash Ogden,*
M. W. Chapman,	J. S. Pagaud,
Abner L. D. Conrad,	Lewis Prescott,
L. L. Conrad,	H. C. Quin,
Frederick Duffel,	Joseph Arthur Roman,
A. C. Dumartrait,*	Samuel W. Spencer,
Adolphe Dupré, Jr.,	Colin McRae Selph,
Grove S. Fitch,	J. F. Templeton,
B. B. Hempken,	John Taber,
George W. Hudspeth,	Adolph P. Webre,
William B. Kemp,	R. H. Yates,
Jepthah Landrum,	Louis West,
Thomas H. Lewis,	E. Rost,

William H. Lilly—31.

*Deceased.

1861-62.

Gilbert L. Hall, Thomas M. Gill,
William M. Scott*—3.

This school was closed from 1862 to 1865.

1865-66.

J. E. Austin,	William B. McGimpsey,
William S. Benedict,	Alvin E. Read,
George H. Braughan,	F. C. Remick,
J. A. Cheevers,	Walter H. Rogers,
Frederick B. Earhart,	William R. Whitaker,*
Jeremiah J. Foley,	Charles E. Whitney,*
James Lingan,	Geo. M. Wickliffe,

Charles Louque—15.

1866-67.

C. A. Beckro,	Samuel Peters Blanc,*
James David Coleman,	P. Ellis,
T. Dupré,	David Goldman,
J. E. Groin,	Cæsar Rodney May,
William Mithoff, Jr.,	Harry H. Price,
Joseph A. Quintero,	Henry Renshaw, Jr.,
J. A. Rice,	Frank L. Richardson,
Wynne Rogers,	H. Sieberg,
Henry Bullard Taliaferro,	R. P. Williams,
S. Milner,	J. M. Right,

Leovin De Poorter—21.

1867-68.

M. Bankston,	A. McCollan,
Charles B. Buddecke,	Paul Robert,
Paul Capdevielle,	Victor de St. Rome,*
Henry B. Claiborne,	Theodore Gaillard Uhlhorn,
Gabriel Fernandez,	James Caldwell Pierce,
John J. Finney,	Clement L. Walker.—12.

1868-69.

Taliaferro Alexander,	Harvey M. Dibble,
Edmund Burthe,	Harry H. Hall,
Henry Chiapella,	J. Schmidt,
Charles F. Claiborne,	Isaiah Tharp,*—9.
H. L. Davis.	

*Deceased.

1869-70.

A. C. Blanchard,	T. E. Meredith,
C. B. Collins,	Vallé J. Rozier,
A. DeBuys,	J. Smith,
Samuel L. Elam,	Charles T. Soniat.—8.

1870-71.

A. C. Allen,	Murphy J. Foster,
Francis William Baker,	James M. Harding,
Thomas A. Boland,*	William T. Houston,
O. D. Bragdon,	Charles G. Ogden,
Clark Woodruff Besancon,	William F. Ogden,
Taylor Denègre,*	Henry D. Smith,
John G. Devereux,	Raoul Tanneret,
Eugene J. Fellowes—15.	

1871-72.

Thomas P. Chaplin,	James Oscar Nixon, Jr.*
Leonard Matthews Finley,	Edward King Skinner,
Samuel Jamison, Jr.,	R. Dudley Tarleton,
Frederick Durive King,	Garret Walker,
Thomas Langdon,	James Oliver Wright,
Andrew J. Murphy—11.	

1872-73.

Joseph Brewer,	Joseph Allard Peniston,
Walter Chew Flower,	Louis Philibert Revillon,*
James Gray,*	William Garret Stone,
John Nolan Healy,	Norman McFarlane Walker,
Charles Murphy Hervey.—9.	

1873-74.

Charles Cecil Bird,	Leon Lysistrate Labatt,
Andrew Brown,	Sam. McCutchen Lawrason,
George Wesley Burgess,	John Edwards Leet,
James Victor Chenet,	Madison Callaway Mosely,
John Clegg,	William Reilly Richardson,
Mumford Kennon,	Gabriel Santini,
Peter William Kramer,*	Adolph Tircuit.—14.

1874-75.

Lewis Lionel Bourges,	Thomas McCabe Hyman,
William Pike Hall,	François Dotrengé Seghers,
Thomas Jefferson Brennan Flynn.—5.	

*Deceased.

1875-76.

John Sterling Boatner,	Charles Henry Lavillebeuvre,
Nathan Meredith Calhoun,	Francis Bennitt Lee,
Horace Louis Dufour,	Charles Bernard Ray,
Joseph Edward Houston.—7.	

1876-77.

Frederick Adolph,	Daniel James Lewis,
Henry Jefferson DeLesdernier,	William John McCune,
Walter Scott Finney,	Robert Gade Smedes,
Alfred Barr Gillis,	John Taylor Whitaker.—8.

1877-78.

George Denègre,	Henry Fisher Sewell,
Thomas Woodruff Dyer,	Isaac Hull Stauffer,
John Carroll Payne,	George Henry Théard,
Alphonse Victor Philips.—7.	

1878-79.

Samuel Lewis Gilmore,	Thomas Sambola Jones,
James Birney Guthrie,	Branch Knox Miller,
Joseph Augustus Reid—5.	

1879-80.

Richard Kinsey Boney,	William Sterling Parkerson,
George Julius Denis,	George Covington Préot,
Henry Dufilho,	Edward Hughes Randolph,
Meyer Gutheim,	John Dalton Shaffer,
Frank Marion Hébert,	James de Benneville Séguin,
Hugh Ross Lucas, Jr.,	Walter Byers Sommerville,
Richard McCall McCulloh,	Omer Henri Villeré,
George Sublett Walton—15.	

1880-81.

William Armstrong,	John Quitman Lovell,
Bernard Bruenn,	Delos Carpenter Mellen,
Adolph Valery Coco,	John Cantwell Ryan,
Walter Denis Denègre,	Walter Joseph Suthon,
Ambrose Jean Baptiste Hertzog,	Charles Joseph Théard,
Robert Emmet Kelly,	Hoyle Tomkies,
James Wilkinson—13.	

1881-82.

Joseph Baker Boatner,	James Cormick Egan,
Andrew Alfred Browne,	Joseph Eloy LeBlanc,

Harney Felix Brunot,	Robert Hardin Marr, Jr.,
John Emile Breaux.	Bernard McCloskey,
Hugh Connell Cage,	George Lucien O'Connell,
Charles Spencer Duke,	Henry John Rhodes,
Francis Graham,	Albert Joseph Seery,
Francis Amédée Tête, Jr.—15.	

1882-83.

Charles Bowen Bayne,*	Silas Daniel Ponder,
Massie Burton,	Edward Lewis Simonds,
Girault Farrar,	James Edwin Zunts—6.

1883-84.

Emmett De Witt Craig, Jr.,	Robert John Murdock.
Prentice Ellis Edrington,	Chas. Henry Osterberger, Jr.
John Beauregard Fisher.	Casilear Hartnett Shields,
Crow Girard,	William John Waguespack,
Samuel Humphreys James,	Joseph Napoleon Wolfson—10.

1884-85.

Charles Patrick Drolla,	Paul Mizaelle Lambremont.
Barnard Bee Howard,	Lawrence Hamilton Pugh,
John Hanson Kennard, Jr.,	Philip Sidney Pugh,
Meloncy Charles Soniat—7.	

1885-86.

Henry Bernstein,	William Cartwright Gordon,
Oscar Dominique Billow,	Albin Provosty,
Henry Josiah Carter.	Don E. Sorelle,
Dav. Blackshear Hamilton Chaffe,	James Zacharie Spearing.
John Dale,	Charles Burke Stafford,
Andrew Fitzpatrick,	John St. Paul,
William Joseph Gahan,	Ben. Farrar Young—14.

1886-87.

Joseph Numa Augustin,	Wm. Henry Maybin,
Thos. Livingston Bayne, Jr.,	Wm. Hutchinson McClendon
Frank Sebastian Drolla,	John McNeese,
William Gray,	Wm. Thomas Patton.
William Robt. Kerr,	Robert Lee Tullis,
Richard Henry Lea,	Frank Zengel—12.

*Deceased.

1887-88.

Johnston A. Armstrong,	Robert Thomas Athens,
Edgar Mayer Cahn,	Andrew Jackson Cammack,
Felix Jonathan Dreyfus,	Clay Elliott,
George Edwin Foster,	Ector Lafayette Gammage,
Henry Lastrapes Garland,	Edgar Grima,
Jeptha Vining Harris, Jr.,	James Francis Henry,
David Charles Hollander,	Leven Lockett Hooe,
Guy Morville Hornor,	Hugues Jules Lavergne, A.M.
Victor Leovy,	*Richard Lyons,
*James McConnell, Jr.,	James Joseph McLoughlin,
Edmond Denis Miller,	Joseph Felix Poché,
Jacques Maxime Queyrouze,	James Barkley Rosser, Jr.,
Francis Richardson Wall,	George Campbell Walshe,
Edward Palfrey Weeks, B.S.	William Glassell Weeks, B.S.

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*Messrs. Lyons and McConnell passed their final examinations as members of the class of 1886-87, but being under age, they were refused their degree of LL. B. They were graduates with the Class of 1887-88 and the degree conferred upon them.

MEDICAL DEPARTMENT.

FACULTY:

SAMUEL LOGAN, M. D.,
EMERITUS PROFESSOR OF ANATOMY AND CLINICAL SURGERY.

T. G. RICHARDSON, M. D.,
PROFESSOR OF GENERAL AND CLINICAL SURGERY.

STANFORD E. CHAILLÉ, M. D.,
PROFESSOR OF PHYSIOLOGY AND PATHOLOGICAL ANATOMY.

JOSEPH JONES, M. D.,
PROFESSOR OF CHEMISTRY AND CLINICAL MEDICINE.

ERNEST S. LEWIS, M. D.,
PROFESSOR OF GENERAL AND CLINICAL OBSTETRICS AND DISEASES
OF WOMEN AND CHILDREN.

JNO. B. ELLIOTT, M. D.,
PROFESSOR OF THE THEORY AND PRACTICE OF MEDICINE AND OF
CLINICAL MEDICINE.

EDMOND SOUCHON, M. D.,
PROFESSOR OF ANATOMY AND CLINICAL SURGERY.

A. B. MILES, M. D.,
PROFESSOR OF MATERIA MEDICA, THERAPEUTICS AND HYGIENE.

LECTURERS AND DEMONSTRATORS:

STERLING D. KENNEDY, M. D.,
LECTURER UPON DISEASES OF THE EYE AND EAR.

HENRY WM. BLANC, M. D.,
LECTURER ON DERMATOLOGY.

RUDOLPH MATAS, M. D.,
DEMONSTRATOR OF ANATOMY.

A. McSHANE, M. D.,
ASSISTANT DEMONSTRATOR OF ANATOMY.

A. L. METZ, PH. G.,
INSTRUCTOR OF PRACTICAL PHARMACY.

This institution, founded in 1834 as the "Medical College of Louisiana," became in 1847 the "Medical Department of the University of Louisiana," and in 1884 the "Medical Department of the Tulane University of Louisiana." To April 1888, it had registered the names of 8,583 students, and of these it had conferred diplomas on 2,504, namely, on 2,329 graduates in medicine and 175 graduates in pharmacy.

The next annual course of instruction in this department now in the fifty-fifth year of its existence, will begin on Monday, October 22d, 1888, and end Saturday, March 30th, 1889.* The commencement will be held on Wednesday, April 3d. The first four weeks of the term will be devoted exclusively to Clinical Medicine, Surgery, Obstetrics and Gynecology in the wards and amphitheatre of the Charity Hospital; Practical Chemistry in the Chemical Laboratory, under the direction of the Professor; and Practical Anatomy in the spacious and well-ventilated anatomical rooms of the University.

The peculiar feature of the school is its unequalled hospital and anatomical advantages, to which the faculty would direct the special attention, not only of medical students, but also of graduates of other schools.

Clinical Instruction at the Charity Hospital.

It is universally admitted that without abundant anatomical and clinical material no medical school, however numerous or eloquent its professors, can possibly fit its pupils for practical professional life. It is scarcely necessary to state that it is only in large cities that such advantages can be procured; but it is of paramount importance that the opportunities there afforded should be properly utilized; that the students should be required, under the direction of the teacher, to examine patients for themselves, to keep record of cases, to note daily changes which may occur, and thus acquaint themselves by personal observation with progress and termination of diseases and accidents. The mere introduction of a patient into an amphitheatre, and the discussion of his case by the professor in the presence of a large class, is no substitute for bedside instruction such as is offered by the great Charity Hospital of New Orleans; and no reduction of their lecture fees, not even their abolition, can possibly compensate for the lack of such opportunities. The use of the wards of this noble institution, with its *seven hundred beds* and an annual occupancy thereof by from six to eight thousand sick, in addition to from twelve to fourteen thousand visiting patients, has been given by acts of Legislature to the Professors of the Medical Depart-

*The attempt to prejudice students against New Orleans by the publication of unfavorable statements concerning the health of the city is unworthy of notice, except to inform anyone who may be ignorant of the fact that only two epidemics of yellow fever have occurred here since 1858. During the fifty-four years of the existence of the institution, no student has died from this cause during lecture term.

ment of the Tulane University of Louisiana for the practical instruction of its students, not only in Medicine and Surgery, but also in Obstetrics and Gynecology. Medical students are given access to the Charity Hospital, without payment of any hospital fees, and far better opportunities for the study of diseases therein than are usually enjoyed in the hospitals of other cities. For the study of the Southwest, there is no field comparable to the wards of this hospital.

Between the buildings of the Medical Department and of the Charity Hospital, there are only six squares, which distance is readily walked within six minutes.

The following table of 5,999 cases treated in the wards of the Charity Hospital, during the year 1887, will give some idea of the great advantages possessed by the Medical Department for the practical study of Medicine and Surgery.

DISEASES.	NUMBER OF CASES.	DISEASES.	NUMBER OF CASES.
Fevers, and other general.....	1,761	Venereal.....	263
Nervous system.....	520	Bones and Joints.....	87
Circulatory system.....	228	Local Injuries and Diseases.....	686
Respiratory ".....	642	Eye and Ear.....	195
Digestive ".....	615	Skin.....	70
Genito-Urinary Organs.....	305	All other Diseases.....	107
Women (incl'g 160 obstetrical cases)	308	Total.....	5,999

In addition to these 5,999 "in-door" patients, there were 12,085 "out-door" or visiting patients, who are sent to the wards for diagnosis and treatment. These 12,085 "out-door" patients furnished for instruction the following valuable material, viz.: 4,641 Medical, 3,708 Surgical, and 614 Venereal cases; 305 Gynecological cases; 1276 cases of diseases children, and 1,541 cases of diseases of the eye, ear and throat.

The grand total of patients in the Charity Hospital was 20,375 in 1885; 19,699 in 1886; and 10,084 in 1887, of whom 5,760 were colored. There are 16 wards for females. Of the 52 wards in the Charity Hospital, there are 22 Medical, 14 Surgical, 2 Obstetrical, and 2 Gynecological wards, 2 for children, 4 for diseases of the nervous system, 2 for venereal diseases, 2 for diseases of the eye and ear, 1 for skin diseases, and 1 pay-ward, and all these wards, except the last one, are accessible to the students.

It is manifest that these facilities for *genuine* clinical teaching, which recent improvements in the hospital have greatly increased, are now unsurpassed by any medical college in the United States; and that such advantages in medical education are being more and more appreciated is attested by the increasing size of the classes.

All the professors are Attending Physicians or Surgeons of the hospital, and visit their wards daily, accompanied by the students, who are

thus brought into immediate contact with the sick and wounded, and are taught practically auscultation and percussion, analysis of urine, the application of dressings, etc. Surgical operations are performed and lectures delivered upon selected cases in the amphitheatre of the hospital.

Special instruction is given to the candidates for graduation, who are, for this purpose, divided into classes, assigned to the respective professors in charge of the wards in the hospital, and required to keep records of cases under their care. The classes thus formed interchange courses, so as to enable the candidates to enjoy equal advantages. Competent Chiefs of Clinic aid the clinical teachers in developing to its full extent this system of instruction. Students who are not candidates for graduation make the daily hospital rounds with any of the clinical teachers. The following professors and their respective Chiefs of Clinic will be on duty the ensuing session:

PROF. T. G. RICHARDSON, M. D.....	{ CHAS. CHASSAIGNAC, M. D.	} <i>Chiefs of Clinic.</i>
" S. E. CHAILLÉ, M. D.....	{ F. H. BRICKELL, M. D.	
" JOSEPH JONES, M. D.....	{ HENRY BAYON, M. D.	
	{ STANHOPE JONES, M. D.	
" ERNEST S. LEWIS, M. D.....	{ G. B. LAWRASON, M. D.	
	{ C. L. SEEMAN, M. D.	
	{ P. MICHINARD, M. D.	
" JOHN B. ELLIOTT, M. D.....	{ J. H. BEMISS, M. D.	
" EDMOND SOUCHON, M. D.....	{ P. E. ARCHINARD, M. D.	
" A. B. MILES, M. D.....	{ RUDOLPH MATAS, M. D.	
	{ JNO. J. LAURANS, M. D.	

The regular lectures, at the Hospital, on Clinical Medicine, by Professors Elliott and Jones; on Surgery, by Professors Richardson and Souchon; on Obstetrics and Diseases of Women and Children, by Professor Lewis; and on Pathological Anatomy, by Professor Chaillé, will be delivered in the amphitheatre, daily, from 8.30 to 12 A. M.

Post-mortem examinations are made in the presence of the class by the Professor of Pathological Anatomy

Diseases of the Eye and Ear are taught in the eye wards and amphitheatre of the Hospital, and constitute a part of the curriculum of the surgical chair.

Special instruction in diseases of the skin is given by the Lecturer on these diseases.

The Administrators of the Charity Hospital elect annually, by competitive examination in March, fourteen Resident Students, who are entitled to board and lodging in the institution free of charge.

LECTURES.

Order of Lectures.—The programme will be so arranged that the lectures upon the elementary branches, taught by the four chairs of Chemistry, Anatomy, Physiology and Materia Medica, will occupy a somewhat larger proportion of hours during the first ten weeks of the

session than the practical studies, Practice of Medicine, Surgery, Obstetrics and Gynecology. On this account it is very important that the student should enter promptly at the opening of the term.

Didactic Lectures.—Systematic didactic instruction in the various branches will be given daily, immediately after the Hospital clinics, in the central building of the University, situated on Tulane avenue, between Baronne and Dryades streets. The means for illustrating this course consists of models in wood, wax, plaster and papier maché of rare and beautiful workmanship, executed in London, Paris and Florence, expressly for the University; a complete series of specimens in materia medica; surgical and obstetrical instruments and appliances; a large collection of natural anatomical preparations; specimens in morbid anatomy; and a set of chemical and philosophical apparatus. The professor of anatomy, after his lectures, teaches microscopic anatomy practically with specimens under the microscope.

The Faculty calls attention to the fact that the subject of Hygiene has been added to the regular curriculum of the school. One lecture a week will be delivered upon this important topic by the Professor of Materia Medica, Therapeutics and Hygiene. The course is obligatory upon the students.

REQUISITES FOR GRADUATION.

- I.—The candidate must be of good moral character, and have attained the age of twenty-one years.
- II.—He must present evidence of having studied medicine for at least three years under the direction of a regular graduate or practitioner of medicine of good standing, including the time spent in attendance upon lectures.
- III.—He must have attended two full courses of lectures and of dissections in a generally recognized medical college, the last of which must have been in this institution.
- IV.—He must write a thesis on a medical subject and present it to the Dean at least one month before the close of the session.
- V.—He must pass a satisfactory examination before the faculty.
- VI.—He must have paid in full all college dues, including the graduation fee.

(Students who intend to present themselves for examination are advised to write their thesis during the summer vacation.)

PREPARATORY COURSE.

The Academical Department of the University offers the following course as preliminary to the study of medicine at eighty dollars; with the privilege of the Drawing Class.

Physics; Chemistry (and in Laboratory); Biology (and with Microscope); Botany; Rhetoric, German and English Literature.

This course, although recommended by the faculty, is not obligatory, but will be received as equivalent to one year's study in a physician's office.

TERMS PER ANNUAL SESSION.

	1ST. SESSION.	2D SESSION.
Matriculation Ticket.....	\$ 5 00	\$
General Ticket to the Lectures of all Professors.....	140 00	140 00
Ticket of Demonstrator of Anatomy.....	10 00	10 00
Diploma Fee (once only, when graduated).....	.....	30 00
Total.....	\$155 00	\$180 00

After the total fees (for two full courses) of \$305, as above, have been paid, no fees (except for the diploma and for the demonstrator) are required for subsequent courses, however numerous. The payment of the total \$335 (diploma included) may be distributed over a three years' course, as follows, viz.: \$115 the first year. \$110 the second and \$110 the third year. All fees are payable in advance.

It will be noticed that the fees of the Department remain the same as those of the leading medical schools of New York and Philadelphia. Considering the unusual opportunities afforded for practical instruction, and the constant care and labor bestowed upon the pupils, the charges are reasonably low, and the Faculty, therefore, appeal to their professional brethren throughout the South and West to continue their support to an institution which does not seek to increase the size of the classes by pecuniary rivalry, but by offering a *full equivalent for its charges*.

Students who have attended and paid for two full courses, the last of which was in this institution, are thereafter entitled to attend lectures without charge; and it is the earnest desire of the faculty that they should avail themselves of this privilege, to the extent of at least one additional course, before applying for graduation. It is gratifying to be able to state that many members of the class (one-third to one-half of the graduates) annually follow this course, and their high standing at the final examinations, their better preparation for the practice of their professions, and their more successful careers, more than compensate them for their longer attendance upon lectures.

As a still further inducement, the Faculty will hereafter permit students who have attended and paid for two courses of lectures, the last of which shall have been in this institution, examinations upon one or more of the elementary branches taught by the Chairs of Chemistry, Anatomy, Physiology and Materia Medica. These examinations, if successful, will not be repeated, but if the applicant should fail upon

one or more of them, he will be granted a second trial upon these when he shall present himself for final examination.

Graduates of other respectable schools are admitted to all the privileges of the Department upon payment of the matriculation and half lecture fees; and are entitled, thereafter, to attend subsequent sessions gratuitously. They cannot, however, obtain the diploma of the University without passing the regular examination, and paying, in addition, the usual graduation fee. Graduates are also given the privilege of attending special courses at less than \$20 each, provided that the tickets of more than two professors are purchased.

INSTRUCTION IN PHARMACY.

The Medical Faculty is also authorized by law to grant diplomas in Pharmacy, and has exercised this privilege since 1838, having now 175 graduates, 120 of whom have been graduated during the past eleven years. At the last session there were forty-one students in Pharmacy.

These students are now required to attend the lectures given by the Professor of Materia Medica and Therapeutics; and by the Professor of Chemistry, receiving practical instruction in the Chemical Laboratory; and also to attend the instruction in Practical Pharmacy, given in the excellent Pharmaceutical Laboratory, established in 1887.

Attendance upon two such courses entitles the student in pharmacy to be a candidate for the degree of Master of Pharmacy, *provided* that he submits to the Dean a satisfactory certificate of at least two years' practical experience, under the instruction of a competent pharmacist.

The charge for the full course in pharmacy is \$60, or \$20 for each of the three branches; and also \$20 for the graduation fee. In addition, every student is required to pay the matriculation fee of \$5 (for the first session only), and to deposit a "breakage fee" of \$5, to reimburse any injury needlessly inflicted on the Pharmaceutical Laboratory and its contents; at the end of the session the "breakage fee" is refunded in whole or in part, depending on the charges incurred by the student. The total fees paid by a student in pharmacy are, therefore, \$70 for the first and \$85 for the second course.

Students in medicine who take also the course in pharmacy, pay only the Pharmaceutical Laboratory fee of \$20, and the "breakage fee" of \$5; and this extra charge of \$25 must also be paid by students in pharmacy who may desire to attend more than two courses in Laboratory. Students in pharmacy, as in medicine, are not charged for the tickets of professors after attendance upon two courses.

The Pharmaceutical Laboratory will be opened for instruction on Monday, October 22, 1888.

TEXT-BOOKS, ETC.

The books mentioned below are recommended in preference to others; but *recent editions of any standard works* may be used in their stead. Only one text-book on each branch is indispensable. The cost for a set of text-books on all the branches is about \$45. The prices affixed below are now the lowest prices of the cheapest copies, usually in cloth.

SURGERY—Ashurst, \$5; Bryant, \$5.30; Treves, \$5; Gross, \$12.50.

PRACTICE OF MEDICINE—Flint, \$4.60; Loomis, \$5; Pepper, \$25; Reynolds, \$15. DERMATOLOGY—Van Harlingen, \$1.50; Hyde, \$3.65; Duhring, \$5.

PHYSIOLOGY—Foster, \$2.70; Yeo, \$2.60; Dalton, \$4.10; Landois, \$5.75.

PATHOLOGICAL ANATOMY—Green, \$2.10; Coats, \$4.60; Ziegler, \$4.75.

OBSTETRICS—Leishman, \$3.75; Playfair, \$3.25; Lusk, \$4.00.

GYNECOLOGY—Barnes, \$4.00; Thomas, \$4.00; Emmet, \$5.00.

DISEASES OF CHILDREN—Smith, West, each, \$3.75.

CHEMISTRY—Fownes, \$2.30; Atfield, \$2.10; Bloxam, \$4.15; Miller, \$15.00; Fresenius, \$8.70; Roscoe and Schorlemmer, \$20.00; Ganot's Physics, \$4.20; Parish's Pharmacy, \$4.25; U. S. Pharmacopœia, \$3 50.

ANATOMY—Gray, \$5.00; Wilson, \$6.00; Richardson, \$3.50; Souchon's Résumé, \$2.

MATERIA MEDICA AND THERAPEUTICS—Wood, \$4.85; Rabuteau, \$7.00; Bartholow, \$4.20; National Dispensatory, \$5.85.

HYGIENE—Wilson, \$2.25; Parkes, \$4.15.

DICTIONARIES—Dunglison, \$5.30; Thomas, \$4.00.

PRACTICAL PHARMACY—Remington's Practice of Pharmacy, \$4.20; Prescott and Douglass' Qualitative Analysis, \$3.10.

Information about houses for board and lodging may be obtained by application to P. Martin, Janitor. The price usually paid by students is \$20 per month.

For any additional information address "Prof. CHAILLÉ, DEAN, P. O. Drawer 261." Letters thus *officially* addressed secure prompt attention even if the Dean be absent.

STANFORD E. CHAILLÉ, M. D.,
NEW ORLEANS, LA., June, 1888. *Dean of the Medical Faculty.*

GRADUATES OF 1888.

At the Fifty-fourth Annual Commencement, on March 28th, 1888, the Annual Address was delivered by Justice Charles E. Fenner; the Valedictory by Dr. Geo. H. Lee, of the graduating class; and degrees were conferred on eighty-three graduates, viz., seventy-three in Medicine and ten in Pharmacy.

GRADUATES IN MEDICINE—73.

NAMES.	POSTOFFICE.	COUNTY.	STATE.
ABNEY, WM. M.	Collinsburg.	Bossier.	La
ADAMS, JNO. RUSSELL.	New Orleans.	Orleans.	La
BAIRD, THOS. HARDIN.	Prescott.	Nevada.	Ark
BANKSTON, RICHARD C.	Dade City.	Pasco.	Fla
BARRON, OSCAR LEE.	Sturges.	Oktibbeha.	Miss
*BAYON, HENRY.	New Orleans.	Orleans.	La
BELDEN, JAS. WEBSTER.	New Orleans.	Orleans.	La
BLANKS, JNO. T.	Hamburg.	Ashley.	Ark
BOOTH, WILLIE ROBERT.	New Orleans.	Orleans.	La
BRAGG, EDWARD RENEAU.	Moss Point.	Jackson.	Miss
BRINGIER, JULIEN TRIST.	Burnside.	Ascension.	La
BROWN, JAS. EDWARD.	Crawford.	McLennan.	Tex
BROWN, ROBT. CUTHBERT.	Waco.	McLennan.	Tex
BRUNSON, JR., RANDOLPH.	Pine Bluff.	Jefferson.	Ark
CALLEN, WM. PERCY.	Gatesville.	Coryell.	Tex
CANNON, ADOLPHUS L.	Monticello.	Lawrence.	Miss
CARICO, JOHN W.	Owensboro.	Daviess.	Ky
CHAMBERLIN, JNO. BENTON.	Amite City.	Tangipahoa.	La
CHAMPION, WALLACE M.	Anguilla.	Sharkey.	Miss
CHANDLER, JR., GREENE C.	Corinth.	Alcorn.	Miss
CULPEPPER (M. D.), HENRY W.	Alvarado.	Johnson.	Tex
*DEGRANGE, JOS. TORMEY.	New Orleans.	Orleans.	La
DUDLEY, JAS. BOLLS.	Utica.	Hinds.	Miss
ECKHARDT (M. D.), WM. R.	Yorktown.	DeWitt.	Tex
ELLIS, EVERETT E.	Booneville.	Prentiss.	Miss
ELLIS, JNO. HAMILTON.	New Orleans.	Orleans.	La
FOUTS, JESSE J.	Wilderness.	Clay.	Fla
FRANCEZ, JULES.	Carencro.	Lafayette.	La
FULLER, JNO. E.	Sumner.	Lamar.	Tex
GLADDEN, ADDLEY H.	Homer.	Claiborne.	La
GOELET, EDWARD B.	New Orleans.	Orleans.	La
GOSEWISCH, WALTER ROBT.	Los Angeles.	Los Angeles.	Cal
GRIFFITH, JR., DAN'L. MOSELEY.	Owensboro.	Daviess.	Ky
HAM, ERNEST P.	Gainesville.	Hall.	Ga
HARRELL, EDWARD B.	Point Blank.	San Jacinto.	Tex
HERRING, JAS. HENRY.	Saxie.	Dallas.	Tex
HINCKS, WILLIAM.	New Orleans.	Orleans.	La
HOPE (M. D.), FRANKLIN L.	Lind Grove.	Morehouse.	La
IRWIN, EMMETT L.	Clinton.	East Feliciana.	La
IZARD, GEO. LIPSCOMB.	Meridian.	Lauderdale.	Miss
JASTREMSKI, LEON H.	Baton Rouge.	East Baton Rouge.	La
JOHNSON, JNO. HARVEY.	Hendersonville.	Henderson.	N. Ca
JOHNSON, ROBT. ABNER.	Flatonla.	Fayette.	Tex
JOWERS, CLEBE.	Preston.	Webster.	Ga
*LAMB, JAS. HOPE.	New Orleans.	Orleans.	La
*LEE, GEO. H.	Galveston.	Galveston.	Tex
LIPSCOMB, ROBT. S.	Grapevine.	Tarrant.	Tex
LITTELL, BENJ. A.	Opelousas.	St. Landry.	La
MCCALEB, GEO. W.	Willis.	Montgomery.	Tex
MCCALEB, JAS. H.	Willis.	Montgomery.	Tex
MCENERY, HENRY.	New Orleans.	Orleans.	La
McKENNA, PATRICK J.	New Orleans.	Orleans.	La
McLAURIN, HUGH C.	Wesson.	Copiah.	Miss
MAYER, RUDOLPHE A.	Opelousas.	St. Landry.	La

NAMES.	POSTOFFICE.	COUNTY.	STATE.
MENEFEE, WM. EDWARD	Waco	McLennan	Tex
MORRIS, SHELDON A	Belzona	Washington	Miss
NASH, JNO. V	Mill Creek	Sabine	La
NAVE, SAM'L. F.	Weimar	Colorado	Tex
NEWMAN, GEO. W.	Pleasant Valley	Dallas	Tex
NORTHRUP, SAM'L G.	Giddings	Lee	Tex
ODELL, SIMMEON P.	Roanoke	Denton	Tex
PAINE, RUFFIN B.	Anacoco	Vernon	La
PERKINS, JR., ALLEN J.	Lake Charles	Calcasieu	La
PERKINS, WALTER P.	Sabine Pass	Jefferson	Tex
RAY, WILLIAM HILL	Opelousas	St. Landry	La
RENSHAW, JOHN B.	Decatur	Wise	Tex
SMITH, WM. GEE	Baton Rouge	East Baton Rouge	La
SMYTHE, JEFF. DAVIS	Kosciusko	Attala	Miss
TAYLOR, EZEKIEL	Americus	Sumter	Ga
THIGPEN, CHAS. A.	Greenville	Butler	Ala
TOWSLEY, WM. HENRY	New Orleans	Orleans	La
WILSON, HALL	Augusta	Houston	Tex
*WRAY, JOS. JAS	Fort Worth	Tarrant	Tex

*Resident Students of the Charity Hospital.

GRADUATES IN PHARMACY—10.

*DEGRANGE, JOSEPH TORMEY	New Orleans	Orleans	La
FUERSTENBERG, JOSEPH	New Orleans	Orleans	La
GOESLING, JOHN	New Orleans	Orleans	La
*GOSEWISCH, WALTER R.	Los Angeles	Los Angeles	Cal
LEGENDRE, JOSEPH A.	New Orleans	Orleans	La
LYNCH, THOS. JOS	New Orleans	Orleans	La
MALOCHEE, PAUL H.	New Orleans	Orleans	La
PRIMO, JOS. E.	New Orleans	Orleans	La
ROUX, NEMOURS P.	New Orleans	Orleans	La
WEEKS, SAM'L CHAS.	New Orleans	Orleans	La

*Graduates also in Medicine in 1888.

Matriculates of the Sessions, 1887-8—305.

NAMES.	PRECEPTOR.	STATE.
ABNEY, WM. M.	Dr. G. W. Walters	Louisiana
ADAMS, JNO. R.	Dr. Jno. Callan	Louisiana
AIKEN, J. G.		Louisiana
ALBERS, (M. D.) DAVID P.	Med. Dept. Tulane Univ. La. 1884	Louisiana
ALBERS, EDWARD M.		Louisiana
ALFORD, JULIUS W.	Dr. J. T. Alford	Mississippi
*AMES, ROGER P.	Dr. J. Jones	Louisiana
ANGELL, RICH'D.		Louisiana
ARMSTRONG, GREER	Dr. J. T. Scott	Louisiana
ATKINS, HUGH E.	Dr. Hargrave	Louisiana
BAIRD, THOS. H.	Dr. W. E. Arnold	Arkansas
BALDWIN, (M. D.) MOSBY	Ohio Med. College, 1883	Louisiana
BANKSTON, RICHARD C.	Dr. C. T. Seay	Florida
BARBER, (M. D.) CHAS. A.	Missouri Med. College, 1884	Mississippi
BARRON, OSCAR L.	Dr. W. J. Barrow	Mississippi
BARROW, A. FELTUS	Dr. Jas Rigney	Louisiana
BATES, (M. D.) HORACE C.	Atlanta Med. College, 1887	Georgia
BAYON, HENRY	Charity Hospital	Louisiana
BAZET, EDWARD F.		Louisiana
BEARD, GEO. R.	Dr. Geo. Huhner	Louisiana
BEAUCHAMP, (M. D.) A. T. B.	Med. Dept. Tulane Univ. La., 1887	Texas
BELDEN, JAS. WEBSTER	Dr. J. G. Belden	Louisiana
BETHEA, JNO. JEFF	Dr. Jno. Gillis	Mississippi
BEUGNOT, JOSEPH	Dr. J. Beugnot	Louisiana
*BLACK, HARDY C.	Dr. J. A. Black	Louisiana
BLACK, (M. D.) JNO. S.	Alabama Med. College, 1872	Texas
BLANKS, JNO. T.	Dr. W. S. Norman	Arkansas

NAMES.	PRECEPTOR.	STATE.
BLANKS, WILL L.....	Dr. B. F. Terry.....	Arkansas
BONNEY, JAS. BENJ.....	Dr. R. C. McCullough.....	Louisiana
BOOTH, WILLIE R.....	.....	Louisiana
*BORDE, ROBERT U.....	Charity Hospital.....	Louisiana
BOREN, (M. D.) A. W.....	Med. Dept. Tulane Univ. La., 1882.....	Texas
BOUKGEOIS, EUGENE.....	.....	Louisiana
BOYD, HUGH.....	Dr. F. M. Ridley.....	Georgia
BRAGG, EDWARD R.....	Drs. Murray & Bragg.....	Mississippi
BRAMAN, DAN'L H.....	Dr. R. R. Hopkins.....	Texas
BRINGIER, JULIEN T.....	Dr. Jos. Jones.....	Louisiana
†BROOKS, CLAUDE M.....	Dr. F. M. Brooks.....	Louisiana
BROWN, JAMES E.....	Dr. B. J. Brown.....	Texas
BROWN, ROBT. C.....	Dr. H. W. Brown.....	Texas
*BROWNLEE, CHAS. Y.....	Dr. J. A. G. Fisher.....	Louisiana
†BRUMBY, ROBT. H.....	Dr. G. McD. Brumby.....	Louisiana
BRUMBY, WM. MACK.....	Dr. G. McD. Brumby.....	Louisiana
BRUNSON, JR., RANDOLPH.....	Dr. R. Brunson.....	Arkansas
BUCKNER, BENJ. F.....	Dr. J. E. Watkins.....	Texas
BUIE, NEILL H.....	Dr. J. W. Bennett.....	Mississippi
BURKHALTER, WILLIE A.....	Dr. J. G. Worley.....	Mississippi
†BURLEIGH, HENRY J.....	.....	Louisiana
BURNS, FRANK E.....	.....	Louisiana
†CAIRE, ARTHUR.....	.....	Louisiana
†CAIRE, NEMOURS.....	.....	Louisiana
CALLAWAY, BENJ. D.....	.....	Louisiana
CALLEN, WM. P.....	Dr. U. M. Gilder.....	Texas
CANNON, ADOLPHUS L.....	Drs. Cannon & Larkin.....	Mississippi
CARICO, JNO. W.....	.....	Kentucky
CARTER, CHAS. W.....	Dr. J. H. Love.....	Mississippi
CHAMBERLIN, JNO. B.....	Dr. C. S. Stewart.....	Louisiana
CHAMPION, WALLACE M.....	Dr. W. W. Farr.....	Mississippi
CHANDLER, JR., GREENE C.....	Dr. J. M. Taylor.....	Mississippi
†CHARBONNET, E. L.....	Mr. Jos. Llado.....	Louisiana
CHEEK, ELBERT A.....	Dr. W. J. Magruder.....	Mississippi
CHRETIEN, JOS. FRANK.....	Dr. J. N. Charbonnet.....	Louisiana
†CLARENS, GEO. V.....	Mr. Jno. B. Lavigne.....	Louisiana
CLAWSON, CHAS. W.....	Dr. Geo. Huhner.....	Louisiana
COLLINS, MILTON M.....	Dr. O. L. Collins.....	Louisiana
COMBE, FRED. J.....	Dr. R. Matas.....	Texas
CONERLY, TILMAN S.....	Dr. E. L. Applewhite.....	Mississippi
†CONDON, WM. T.....	.....	Louisiana
CRAWFORD, CLARENCE E.....	Dr. J. A. Hollinshead.....	Louisiana
CRUSE, (M. D.) JNO. W.....	Med. Dept. Vanderbilt 1882.....	Texas
CULPEPPER, (M. D.) HENRY W.....	Galveston Med. Col., 1881.....	Texas
CUNNINGHAM, RICH'D. C.....	Dr. R. C. Cunningham.....	Mississippi
DAVIS, ANDERSON M.....	Dr. J. C. Terrell.....	Mississippi
DAVIS, JNO. EDGAR.....	.....	Mississippi
DAVIS, LOONEY O.....	Dr. J. J. Davis.....	Texas
DAVISS, (M. D.) EDWARD P.....	Med. Dep't Tulane Univ. La., 1885.....	Texas
DEGRANGE, JOS. T.....	Charity Hospital.....	Louisiana
*DELANEY, JNO. THOS.....	Charity Hospital.....	Louisiana
DELAUP, SIDNEY P.....	Dr. P. Archinard.....	Louisiana
†DEMONSABERT, GUSTAVE C.....	Mr. P. Barthe.....	Louisiana
DICKSON, (M. D.) SAM'L A.....	Med. Dep. Tulane Un. La., 1884.....	Louisiana
DOUSSAN, JOS. E.....	.....	Louisiana
DUDLEY, JAS. BOLLS.....	Dr. J. C. Terrell.....	Mississippi
DUFFEL, JNO. E.....	.....	Louisiana
DURIO, ABBE C.....	Dr. G. W. Martin.....	Louisiana
DYMOND, FRED.....	Dr. J. H. Bemiss.....	Louisiana
EARNs, JNO. D.....	Dr. L. Sexton.....	Mississippi
ECKHARDT, (M. D.) WM. R.....	Louisville Hos. Col. Med., 1887.....	Texas
ELLIOT, JOS. M.....	Dr. J. N. Charbonnet.....	Louisiana
ELLIS, EVERETT E.....	Charity Hospital.....	Mississippi

NAMES.	PRECEPTOR.	STATE.
ELLIS, JNO. H.		Louisiana
FINLEY, THOS. J.	Dr. J. J. Laurans	Louisiana
FINNEY, MARK L.	Dr. James F. Finney	Louisiana
FORDTRAN, FRANK L.	Dr. Benj. D. Bustow	Texas
FORTIER, ST. MARK	Dr. E. T. Shepard	Louisiana
FOSTER, DIXIE N.	Dr. C. M. Smith	Louisiana
FOUTS, JESSE J.	Dr. C. M. Merrill	Florida
FRANCEZ, JULES	Drs. J. R. and J. P. Francez	Louisiana
FRANCES, SIDNEY J.	Dr. M. Johnson	Texas
†FURSTENBERG, JOSEPH	Dr. Joseph Jones	Louisiana
FULLER, JNO. E.	Dr. J. F. Hooke	Texas
GAGE, JAMES B.	Dr. J. B. Gage	Mississippi
GAINES, JNO. G.	Dr. E. S. Lewis	Louisiana
GALLOWAY, CHARLES	Dr. J. H. Galloway	Mississippi
GILBERT, ROBERT G.	Dr. Joseph Jones	Louisiana
GILMORE, VICTOR L.		Louisiana
GLADDEN, ADDLEY H.		Louisiana
GLADNEY, AYLMER D.	Dr. L. Longino	Louisiana
GOELET, EDWARD B.		Louisiana
†GOESLING, JOHN	Mr. E. Lalmant	Louisiana
GOODWIN, FRANK G.	Dr. R. J. Magee	Mississippi
GORDON, ELGEE K.	Dr. H. B. Hartman	Louisiana
GOSEWISCH, WALTER R.	Dr. C. T. Gosewisch	California
GRACE, WILLIAM L.	Dr. T. J. Kearny	Louisiana
GRAHAM, LOUIS H.	Dr. J. L. Sloan	Texas
GRANER, (M. D.) EDWIN J.	Med'l Dep't Tulane U. La., 1887	Louisiana
GREEN, JR., ED. MELVIN	Dr. L. S. McMurdy	Kentucky
GRIFFITH, JR., DAN'L M.	Dr. C. H. Todd	Kentucky
*GROENEVELT, JOHN F.	Charity Hospital	Louisiana
HALBERT, (M. D.) ARTHUR C.	Jeff. Med. College, 1870	Mississippi
HAM, ERNEST P.	Dr. W. G. Ham	Louisiana
HAND, (M. D.) ROBT. M.	Louisville Med. College, 1874	Mississippi
HANEMANN, LOUIS.	Dr. J. J. Laurans	Louisiana
HARPER, WM. WADE	Dr. G. W. Kyser	Alabama
HARRELL, EDWARD B.	Dr. J. C. Johnson	Texas
HATTER, WM. REUBEN	University Alabama	Alabama
HAWKINS, ROBT. G.	Dr. B. T. Moseley	Louisiana
HENINGTON, FRANK W.	Dr. B. D. Henington	Mississippi
HERMAN, MEYER.	U. S. Signal Office	Louisiana
HERRING, JAS. H.	Dr. D. C. Pardue	Texas
HILL, (M. D.) JOAB B.	Vanderbilt University, 1878	Texas
HINCKS, WM.	Dr. M. E. Hincks	Louisiana
HINES, BENJ. F.	Dr. W. C. Larkin	Texas
HOBBY, ALF. M.	Dr. T. M. Stone	Texas
HOPE, (M. D.) FRANKLIN L.	Vanderbilt University, 1882	Louisiana
HUGER, (M. D.) J. A.	Charleston Med. College, 1839	Georgia
*HUNT, RANDELL.	Dr. T. G. Ford	Louisiana
†HUNTER, JOSIAH I.	Dr. Joseph E. Jones	Louisiana
IRWIN, EMMETT L.	Dr. Joseph S. Jones	Louisiana
IZARD, GEO. L.	Dr. H. Izard	Mississippi
JASTREMSKI, LEON H.	Dr. T. J. Buffington	Louisiana
†JEWELL, WALTER L.	Dr. J. B. Hart	Louisiana
JOHNSTON, JNO. H.	Dr. L. B. Johnston	North Carolina
JOHNSON, ROBT. A.		Texas
JOHNSTON, (M. D.) WM. M.	University of Virginia	Georgia
JORDAN, THOS. G.	Dr. J. D. Fields	Texas
JOWERS CLEBE	Dr. B. F. Gregory	Georgia
KELLEY, (M. D.) HUGH	Med. Depart. Tulane U. La., 1886	Louisiana
KIMBROUGH, JR., F. F.	Dr. W. T. Haddox	Alabama
KING, HENRY A.	D. T. J. Woolf	Louisiana
KOHNKE, QUITMAN		Louisiana
KUYRKENDALL, (M. D.) L. L.	University Louisville, 1882	Texas
LAMB, JAS. H.	Charity Hospital	Louisiana

NAMES.	PRECEPTOR.	STATE.
LANDFRIED, CHAS. JNO.		Louisiana
*LARUE, FELIX A.	Charity Hospital	Louisiana
LASTRAPES, WM. R.	Dr. B. H. Littell	Louisiana
LAZARO, JOS. M.	Dr. J. Hawkins	Louisiana
†LEAKE, JNO. P.		Louisiana
LEDBETTER, BENJ. A.		Louisiana
LEDoux, ALEX.	Dr. H. Wiendahl	Louisiana
LEE, GEO. H.	Charity Hospital	Texas
†LEGENDRE, JOS. A.	Mr. W. F. Cluervius	Louisiana
LEHMANN, VICTOR		Louisiana
LEWIS, W. H. H.	Dr. E. L. McGehee	Mississippi
LIHCTENHELD, AUGUSTE		Louisiana
LIDDELL, WM. W.		Louisiana
LIPSCOMB, ROBT. S.	Dr. W. D. Lipscomb	Texas
LITTELL, BENJ. A.	Dr. R. H. Littell	Louisiana
LITTLE, WM. LEE	Dr. E. A. Rowan	Mississippi
LOVEJOY, CHAS. A.	Louisville Medical College	Louisiana
LOWE, LEE GEO.	Dr. M. M. Lowe	Louisiana
LUZENBERG, CHAS. K.		Louisiana
†LYNCH, THOS. JOS.	Mr. E. Lalmant	Louisiana
LYONS, AUGUSTE L.	Dr. E. W. Brown	Louisiana
LYONS, DAVID E.	Dr. E. J. Lyons	Louisiana
MCCAIN, HENRY H.	Dr. J. E. Wright	Louisiana
MCCALEB, GEO. W.	Dr. H. S. Robertson	Texas
MCCALEB, JAS. H.	Dr. E. T. Walker	Texas
MCCARDELL, DOUGLASS.	D. J. H. McCardell	Texas
MCCORKLE, ROBT.	Dr. A. G. Pierce	Mississippi
†MCDONALD, CHAS. A.	Mr. L. L. Abbott	Louisiana
MCDONALD, JNO. THOS.	Dr. W. J. McDonald	Texas
MCENERY, HENRY	Dr. A. B. Miles	Louisiana
MCKENNA, PAT. JOS.	Dr. Reynaud	Texas
MCKINNON, CHAS. B.	Dr. C. McKinnon	Texas
MCKOWEN, (M. D.) E. C.	Med. Dep. Tulane U. La., 1885.	Louisiana
MCLARTY, CLAUDIUS M.	Dr. W. H. Minton	Texas
MCLAURIN, HUGH C.	Dr. L. Sexton	Mississippi
McMILLAN, LANDRY	Dr. A. M. Dodds	Mississippi
MAGEE, THOS. KIRBY	Dr. A. M. Dodds	Mississippi
MAGRUDER, MARCUS J.	Dr. A. F. Magruder	Louisiana
†MALOCHEE, PAUL H.	Mr. Jos. Llado	Louisiana
MALONEY, HENRY H.		Louisiana
MAPLES, LUCIEN E.	Dr. J. R. Moss	Louisiana
MARCH, JNO. A.	Dr. H. G. Long	Texas
MARSH, GEO. O.	Dr. J. A. Pipkin	Arkansas
MARTIN, E. DENEGRE.	Dr. F. S. Mudd	Louisiana
MARTIN, (M. D.) WM.	Med. Dept. Tulane Un. La., 1874.	U. S. N.
MARY, ARMAND	Dr. V. Mary	Louisiana
†MASSON, VICTOR.	Mr. B. Lavigne	Louisiana
MAYER, RUDOLPHE A.	Dr. F. J. Mayer	Louisiana
MEANS, GEO. E.	Dr. A. L. Moore	South Carolina
MENEFEE, WM. ED.	Dr. E. L. Menefee	Texas
*MEYER, LOUIS E.	Charity Hospital	Louisiana
METZ, A. L.	N. Y. College of Pharmacy	Louisiana
MOODY, (M. D.) FLEMING J.	Balt. Col. Phys. and Surgeons, 1876.	Alabama
MOORE, WM. A.	Drs. Calderwood and Layton	Louisiana
MORRIS, SHELDON A.	A. and M. College, Miss.	Mississippi
MORRIS, JNO. COLLIN.	Dr. H. Upshaw	Texas
MURPHY, JNO. HENRY.	Dr. W. E. King	Texas
MURPHY, RENE A.	Dr. E. A. Murphy	Louisiana
NASH, JNO. V.	Dr. J. W. Thomas	Louisiana
NAVE, SAM'L F.	Dr. J. E. Grace	Texas
NEAL, SOLON S.		Mississippi
NEWMAN, GEO. W.	Dr. D. C. Pardue	Texas
NOHA, ADOLPHE		Louisiana

NAMES.	PRECEPTOR.	STATE.
NORTHROP, SAM'L G.	Dr. J. A. Field	Texas
NOTHACKER, WM.		Louisiana
ODELL, SIMMEON P.	Dr. J. R. Edwards	Texas
OWEN, JAS. LEE	Dr. T. A. Harris	Mississippi
PAINE, RUFFIN B.	Dr. S. J. Smart	Louisiana
PARKER, WM. E.	Dr. S. D. Kennedy	Louisiana
PAYNE, CHAS. W.		Texas
PEARCE, ALANSON G.	Dr. J. A. Hollinshead	Louisiana
PEARCE, JNO. SYDNEY	Dr. J. E. Bain	Louisiana
PECOT, LEWIS F.		Texas
PERKINS, JR., ALLEN J.	Dr. H. T. Graves	Louisiana
PERKINS, DOSITE S.	Dr. W. T. Jones	Louisiana
PERKINS, WALTER P.	Dr. A. N. Perkins	Texas
†PETERS, LEONARD J.	E. J. Hart & Co.	Louisiana
PEYTON, FRANKLIN P.	Louisville Medical College	Texas
*POTHIER, OLIVIER L.	Charity Hospital	Louisiana
POWELL, GEORGE F.	Drs. Perkins & Horn	Louisiana
PRICE, GEO. REA.	Dr. F. M. Sexton	Texas
†PRIMO, JOS. ED.	E. J. Hart & Co.	Louisiana
PUGH, WHITMELL, H.	Dr. J. Jones	Louisiana
RAY, WM. HILL	Dr. Jas. Ray	Louisiana
REISS, PAUL L.	Dr. E. A. Murphy	Louisiana
RENSHAW, JNO. B.	Drs. Cartwright & Markham	Texas
RICHARDSON, SAM'L S.	Shreveport Charity Hospital	Louisiana
RICKER, HENRY F.		Louisiana
†ROBERT, SYDNEY	P. S. Archinard	Louisiana
ROBIN, ERNEST A.	Dr. Jcs. Jones	Louisiana
ROBIN, WM. H.		Louisiana
*ROCQUET, ALBERT P.	Charity Hospital	Louisiana
ROGERS, (M. D.) G. G.	Med. Dept., Tulane U., La., 1884	Louisiana
ROUSSEL, WM. D.	Dr. T. W. Tarleton	Louisiana
†ROUX, NEMOURS P.	Mr. P. L. Cusachs	Louisiana
*SABATIER, GEO. J.	Charity Hospital	Louisiana
*SAIZAN, JOS. P.	Dr. L. Daly	Louisiana
SALTER, EDGAR T.		Mississippi
*SCHERCK, HENRY J.	Charity Hospital	Louisiana
†SCHNEIDER, HENRY C.	Mr. Ed. Stumpf	Louisiana
SCHUMM, HERMAN C.	Dr. F. Jonas	U. S. A.
†SEEMANN, GEO. F.	Dr. C. L. Seemann	Louisiana
SHELBY, JNO. M.	Dr. J. A. Shelby	Mississippi
†SHELDON, C. E. V.	Mr. T. A. Capdau	Louisiana
†SHELLEY, WALTER P.	Mr. A. Shelley	Louisiana
†SHERWOOD, WM. F.	Mr. O. Von Gohren	Louisiana
SMART (M. D.), SAM'L J.	Med. Dep't. Tul. U. La., 1873	Louisiana
SMITH (M. D.), CHAS. S.	Louisville Medical College, 1885	Louisiana
SMITH, HUBERT S.	Dr. S. Logan	Louisiana
SMITH, WM. GEE		Louisiana
SMYTHE, FRANK D.	Dr. D. P. Smythe	Texas
SMYTHE, JEFF. DAVIS	Dr. B. N. Ward	Mississippi
STANLEY, WM. THOS	Dr. J. P. Stanley	Arkansas
STEELE, ABNER P.	Dr. J. M. Catching	Mississippi
STEELE (M. D.), DAVID P.	Med. Dep't. U. Nashville, 1856	Tennessee
STELL, GEO. S.	Dr. W. W. Stell	Texas
STEPHENS (M. D.), G. M.	Med. Dep't. Tul. U. La., 1886	Texas
STEWART, ALEX. P.	Dr. C. S. Stewart	Louisiana
STEWART, WM. V.	Dr. W. P. Chapman	Texas
SONIAT, J. MOORE	Dr. Sam'l. Logan	Louisiana
†STOLZENTHALER, MICHAEL	Mr. T. F. Hollerbach	Louisiana
STREET, HARRY N.		Mississippi
SURGHNOR, GRAHAM	Dr. Chas. W. Hilton	Louisiana
TACKETT, JOHN ROBT.	Dr. J. Tackett	Mississippi
TARVER, RUFUS M.	Drs. Fouts and Harrell	Louisiana
TAYLOR, EZEKIEL	Dr. J. P. Hinkle	Georgia

NAMES.	PRECEPTOR.	STATE.
TERRELL, (M. D.) JAS. C.	Med. Dep't Tul. Un. La., 1873	Mississippi
THEARD, SIDNEY L.	Dr. E. Archinard	Louisiana
THIELE, HENRY L.	Dr. Wm. Bogel	Louisiana
THIGPEN, C. ALSTON	Dr. G. Thigpen	Alabama
TISDALE, WM. A.	Dr. John Gillis	Mississippi
TODD, THOS. L.	Dr. Thos. T. Erwin	Texas
TOWSLEY, W. H.	Cornell University	Louisiana
TRUXILLO, ROB'T A.	Dr. P. E. Archinard	Louisiana
VAUGHAN, (M. D.) WM. R.	Med. Dep't Tul. U. La., 1885	Texas
VIALLO, L. H.	Dr. A. A. Allain	Louisiana
VILLIEN, JOS. A.	Dr. M. R. Cushman	Louisiana
†VON GOHREN, LUDWIG H.	Dr. L. H. Von Gohren	Louisiana
WALLET, HENRY	Dr. E. Souchon	Louisiana
WALKER, EDWARD R.	Dr. W. W. Walker	Texas
WALKER, W. HAYDEN	Dr. W. W. Walker	Texas
WEATHERSBY, LEE F.	Dr. W. C. Weathersby	Mississippi
WEBB, HINES C.	Dr. R. C. Webb	Louisiana
WEBER, ARTHUR	Dr. S. Logan	Louisiana
†WEEKS, SAM'L C.	Mr. Thos. A. Enderle	Louisiana
WILKINSON, JAS. H.	Dr. A. Fairly	Louisiana
WILLIAMS, C. Z....		Mississippi
WILSON, HALL	Dr. S. P. Cunningham	Texas
WINSTON, GEO. H.	Dr. J. S. Horsley	Georgia
WRAY, JOS. J.	Charity Hospital	Louisiana
YOUNG, CHAS. T.	Dr. O. J. Halbert	Texas
ZULCH, JR. JULIUS		Texas

*The 14 Resident Students of the Charity Hospital.

†Students in Pharmacy 31, and 10 Medical students were also students in Pharmacy. Total Pharmacy students, 41.

N. R.—Total number of Medical students, 274, v z.: 21 M. D's. gratuitous; 10 M. D's. ordinary students, and 243 students not M. D's.

CATALOGUE
OF THE
Alumni of the Medical Department
OF THE
TULANE UNIVERSITY OF LOUISIANA
From 1834 to 1889.

CONTENTS:

- AN INTRODUCTORY HISTORICAL SKETCH,
 - AN ALPHABETICAL LIST OF ALL GRADUATES IN MEDICINE,
 - AN ALPHABETICAL LIST OF ALL GRADUATES IN PHARMACY,
 - A CHRONOLOGICAL TABLE OF ALL PROFESSORS AND INSTRUCTORS,
 - A TABLE GIVING THE NUMBER ANNUALLY OF STUDENTS AND GRADUATES.
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INTRODUCTORY HISTORICAL SKETCH.

The "Medical College of Louisiana," organized September, 1834, was chartered April 2d, 1835, and in March, 1836, issued the first degrees in medicine or science ever conferred either in Louisiana or the Southwest; October 20th, 1838, the Faculty resolved to confer diplomas also in pharmacy, and in March, 1839, issued the first one of these. The Medical College of Louisiana became February 16th, 1847, the Medical Department of the University of Louisiana, and July 5th, 1884, the Medical Department of the Tulane University of Louisiana.

It is the oldest medical college in the Southwest; it is, in age, the third south of the Potomac and Ohio Rivers, and the fifteenth in the United States. Having had more than three hundred students during the session of 1887-8, it ranks, in the number of students, among the first ten of the ninety-three "*regular*" medical colleges of the United States.* Only four of the fourteen older colleges exceed, in the number of students, the Medical Department of Tulane University, and it ranks, if age and the number of students and alumni be considered, as first in the Southwest and South, and fifth in the United States.

The establishment and maintenance of the University of Louisiana, with its Medical and other Departments, first ordained by the State Constitution of 1845 and similarly provided for by the subsequent Constitutions of 1852, 1864, 1868 and 1879, was due in large measure to the influence of the professors of the Medical College of Louisiana. But the Constitution of 1845 was not executed in this

*The United States has had 153 regular medical colleges, but 65 of these have become extinct. The 93 colleges now existing had, in 1885-6, 3,243 graduates out of 10,339 students. Forty colleges had 2-50 students; sixteen, 50-100; twenty-one, 100-200; seven, 200-300; five, 300-400, and four, 400 to 508 the max. See An. Rpt. U. S. Comr. of Education for 1885-6.

particular, until February 16, 1847, when, by Act No. 49, the Medical College of Louisiana was constituted the Medical Department of the University of Louisiana. This law was re-enacted March 15, 1855, by Act No. 320, and this law contains the legal provisions still most important to the Medical Department. Some of these provisions were repealed or modified by Act No. 43, of July 5th, 1884, the law which converted the University of Louisiana into the Tulane University of Louisiana; and also the law which, by vote of the people, April 17th, 1888, was confirmed by an amendment to the Constitution of 1879.

In addition to the lot and building (\$40,000) given in 1847, the State appropriated to the Medical Department \$25,000 in 1850 and \$6000 in 1853 for its museum, chemical and other apparatus, etc.; \$12,500 in 1857 for repairs, etc.; and a part of the \$25,000 appropriated in 1866 to "necessary repairs of the University buildings." The faculty has made annual contributions, which amount in the aggregate to a very large sum, to promote all of the many things requisite to medical education, and every year since 1884 the Tulane administrators have liberally contributed to improvements of the Medical Department.

Not until October, 1843, did the Medical Faculty secure an appropriate building of its own, the one now known as the Law Department, which, erected at the expense of the Faculty, was transferred in 1847 to the University. Although clinical lectures were delivered, from the first session, annually in the Charity Hospital, yet its amphitheatre, accommodating an audience of about four hundred and still in use, was not erected until 1844; it was built at the joint expense, \$5000, of the Medical Faculty and the Administrators of the Hospital. Since 1847 the Medical Faculty has occupied the present building of the Medical Department. This building, with an extensive annex to its third story, contains three large lecture rooms, each accommodating four hundred persons—a large medical museum, especially for illustrating the lectures—unusually extensive and convenient accommodation for demonstrating anatomy—a chemical and also a pharmaceutical laboratory—and numerous rooms for laboratory and other needful purposes. These conveniences, with the hospital-amphitheatre, provide unusual accommodation for medical instruction.

None the less, the superiority and popularity of the Medical Department are chiefly due to the unsurpassed clinical and anatomical advantages given by the great Charity Hospital with its fifty-two wards containing seven hundred beds, with from six to eight thousand patients annually occupying these beds, and from twelve to fourteen thousand additional sick who, as "out-patients," visit the hospital for medical attention. No city, less populous than New Orleans, can possibly supply such a vast amount of material for prosecuting the study of medicine in all its branches, and it is difficult to find such an amount, as convenient for educational purposes, even in cities of far larger population, for, in these, the sick are usually distributed in a number of smaller hospitals. Since 1847, the law of Louisiana provides that "the Medical Department of the University shall, at all times, have free access to the Charity Hospital, of New Orleans, for the purpose of affording their students practical illustrations of the subjects they teach." These students have, therefore, free access without paying any hospital fees, and this provision of the law has always been interpreted in all other particulars so liberally by the administrators that there is very surely no medical college which

possesses superior advantages for that *practical* instruction indispensable to prepare students for successful professional life. For such instruction it is imperative that there should be convenient and numerous opportunities, *at the bedside of the sick*, to study all the diseases and accidents flesh is heir to, and also abundant material for the study of normal and morbid anatomy. For the study especially of the diseases of the Southwest, and also of the negro race, there is no field comparable to that furnished by the Charity Hospital, nor can there ever be until the Southwest is provided with a more populous city than New Orleans.

From September 1834 to April 1888, the Medical Department had registered the names of 8,538 students, and of these had graduated 2,504, viz.: 2,329 in medicine, and 175 in pharmacy, as published in the lists which follow. Nothing is known of 667 of these graduates. The addresses of 1,464 are known, and 373 are *reported* dead, and consequently a star (*) is appended to their names.†

Nearly one-half of the registered medical graduates of New Orleans, and more than one-third of those in Louisiana, outside of New Orleans, are graduates of the Tulane Medical Department; so, also, are a large proportion of the reputable physicians of Texas and Mississippi. From these three States, as a centre, the residences of the alumni radiate to probably every one of the United States. These alumni have filled very many offices, military as well as civil. Many have been professors and instructors in medical and other colleges; others have been superintendents of hospitals and asylums, city physicians, sanitary officers, coroners, legislators, mayors, sheriffs, justices of the peace, etc. The record of a role of such honors would be a very long one, for, in all places and offices, these alumni have gained enviable reputations and have thus maintained and increased the fame of their Alma Mater.

Their patriotism was conspicuous in the war between the States, 1861-5. There were one thousand and eighty-four graduates to March, 1862, and, therefore to 1866, since the war closed the doors of the Medical Department during the three sessions succeeding 1861-2. In 1871 information was obtained from only two hundred and seventy graduates, and as to only four hundred and twenty-seven of the thousand and eighty-four graduates. This meagre information showed that two hundred and forty were in the military service of the Confederate States, and one hundred and seventy of these as medical officers. The fate of thirty-eight of these deserve permanent record as a part of the roll of honor of our alumni.

Thirteen were killed in battle, viz.: Drs. B. Y. Egan, L. M. Graves, Jas. Harper, C. W. Humphreys, D. H. McEacham, A. H. Moore, W. C. Murphy, J. B. W. Penrose, A. S. Pickering, Jno. Sims, Jno. Taylor, F. M. Traylor and J. W. Wright. Three died of wounds received in battle, viz.: Drs. W. W. Brown, J. J. Little and J. M. McCary. Sixteen "died in service"; some of wounds, some in prison, etc., viz.: Drs. Wade Allen, L. M. Austin, W. L. Bridges, J. H. DeVotie, C. M. Dougherty, R. A. Felton, M. W. Goldsby, W. V. Harris, D. F. McInnis, V. V. Madden, N. B. Moss, J. J. Oatis, Sam'l Parker, Harry Percy, J. E. Sutton, Francis Whicher and G. L. Witherington. Five were permanently disabled by wounds received in battle, viz.: Drs. W. J. Finch, J. D. Harrell, Paul Lawrence, Hy. Snow and A. P. Sparkman.

† While it is certain that more are dead than reported, yet it is feared that some deaths may have been erroneously reported. Information correcting any such errors is earnestly solicited.

That the above list presents only a fraction of the honorable but distressing truth is sufficiently proved by the fact that it was derived from information as to only four hundred and twenty-seven of one thousand and eighty-four graduates.

The present catalogue is the third one ever published of our graduates; the first, of eighteen pages, was issued in the May number, 1861, of the *New Orleans Medical and Surgical Journal*; the second, an exceptionally elaborate one of sixty-two pages, was published in 1871, in pamphlets long since out of print; and this third and last one is published in the Annual Catalogue, 1888, of the Tulane University and also in pamphlets. All three of these alumni-catalogues were compiled solely by the undersigned, who gave much time and labor to secure their accuracy. However, perfection cannot be attained in any compilation involving the record of such numerous details and the author will be grateful to any one who may indicate any inaccuracies, and thus contribute to improving a future edition.

STANFORD E. CHAILLÉ, M. D.,

DEAN OF THE MEDICAL DEPARTMENT.

NEW ORLEANS, LA., June, 1888..

2329 GRADUATES IN MEDICINE, 1834 TO 1889.

N. B.—Honorary M. Ds., 5, and 2324 ordinary M. Ds.

A.		B.			
*Abadie, Pierre, La.	1871	Babcock, Geo. C., La.	1881	Batson, Geo. B., Miss.	1886
Abbay, Sidney M., Miss.	1866	Bacon, I. S., La.	1844	Battle, Jno. K., Ala.	1888
Abernethy, J. C., Ala.	1860	Bacot, William, Miss.	1854	Bayley, Robt. A., La.	1875
Abington, Thos. W., La.	1861	Badger, George, N. C.	1860	Baylis, Jno. M., Miss.	1856
Abney, Wm. M., La.	1888	*Bailey, Geo. H., Tex.	1861	Bayon, Henry, La.	1888
Aby, Thomas Y., La.	1866	Bailey, S. Wilson, Tex.	1871	Beall, Ed. F., La.	1883
Adams, John C., La.	1857	Bailey, Walter, La.	1855	Beall, Elias J., Tex.,	1856
Adams, John R., La.	1888	Bailey, Walter, La.	1874	Bean, James M., Ala.	1883
Ader, Edward, La.	1873	Bains, L. W., Tex.	1885	Beard, C., La.	1849
Adkins, W. P., La.	1870	Baird, Jas. C., Tex.	1883	Beaty, Sam'l H., S. C.,	1861
Aills, William, Miss.	1853	Baird, Thos. H., Ark.	1888	Beaumont, E. L., Miss.	1849
Aikman, Wm. H., La.	1885	Baird, William H., Miss.	1869	Beaumont, G. B., Tex.	1869
*Ainsworth, W. L., Miss.	1871	Bairnsfather, H. M., La.	1878	Beauchamp, A. T. B. Tex.	1887
Albers, David P., La.	1884	Baker, Boulds B., Tex.	1856	Beavers, Jno. L., Miss.	1868
*Albers, Fred. B., Miss.	1851	Baker, Charles C., Tex.	1866	Beck, Jas. N., Miss.	1858
*Alexander, E. H., Ark.	1882	Baker, William, Ala.	1858	Beckmann, Albert, Tex.	1887
Alford, James T., Miss.	1866	*Baker, W. M., Ala.	1850	Bedford, Geo. W., Tex.	1870
Alford, Jephtha J., Miss.	1857	Baker, Wm. M., La.	1874	*Bedwell, J. N., Miss.	1853
Allain, A. A., La.	1885	Baldwin, Barlow, Miss.	1844	Belden, Jas. W., La.	1888
Allain, F. C. J., La.	1849	Baldwin, Benj. H., Tex.	1870	Bemiss, John H., La.	1878
Allen, John G., Texas,	1855	Baldwin, Marion A., Ga.	1860	*Benedict, Thos. B. Miss.	1847
*Allen, Wade, S. C.	1861	Ball, Charles W., La.	1875	Bennett, Jas. W., Miss.	1859
Allen, W. C., Miss.	1856	*Ball, Dorrick S., La.	1849	Bennett, Rich. B., Tex.	1870
Allen, Wm. G., Miss.	1873	Ball, Immer U., La.	1853	Bennett, Thos. J., Tex.	1883
Allen, Wm. Sutton, Tex.	1869	Ball, Spencer M., Miss.	1852	Benson, Robt. F., La.	1881
Alsop, George E., Va.	1862	Ball, Wm. L., Miss.	1855	*Benton, Jos. M., Miss.	1875
Alston, Alfred A., Ala.	1860	Bankhead, G. G., Miss.	1876	Beraud, P. D., La.	1879
Alston, L. L., Ala.	1849	Banks, Elbert A., Ga.	1868	Beret, A. M., La.	1881
Ames, Edward Y., La.	1883	Banks, James E., Miss.	1886	Bergé, Philip, La.	1883
Anderson, J. R., N. C.	1882	Banks, Jno. T., Ala.	1852	Bernard, Fred. R., La.	1876
Anderson, R. B., Tex.	1884	Bankston, Rich. C., Fla.	1888	Bernstein, A. M., La.	1883
Anderson, W. A., Miss.	1852	Barbot, John Paul, La.	1858	Berry, J. R., Miss.	1880
*Anderson, W. D., La.	1837	Barge, Edward, Ala.	1851	Berry, J. T. B., Miss.	1883
Andrews, Wm. P., Ga.	1858	Barham, J. H., Tex.	1880	Berry, Wm. H., Tex.	1867
Andrus, C. S., La.	1861	*Barkdull, J. D., La.	1854	*Berry, Win. S., Miss.	1883
Applewhite, S. W., Tex.	1875	*Barker, Richard D., La.	1846	*Berthelot, Wm. H., La.	1856
Archer, Benj. F., Miss.	1861	Barker, Wm. E., La.	1885	Bethea, Henry, Ala.	1861
*Archer, Wm. B., La.	1874	Barker, Wm. L., Tex.	1874	Bettis, Alfred, Y., Ala.	1861
Archinard, P. E., La.	1882	Barkley, Wm. R., Tex.	1875	Bettis, Thos. J., Ala.	1861
Armstrong, R. L., La.	1844	Barnes, Charles,	1886	Beverly, L. S., Ala.,	1889
Armstrong, T. A., La.	1877	Barnes, Francis, La.	1847	Beverly, H. H., Tex.	1883
Armstrong, W. H., La.	1872	Barnes, Wm. W., La.	1877	Bezou, Louis Hy., La.	1871
Arnold, James M., Tex.	1871	Barnett, Benj. B., La.	1859	Bickham, Chas. J., La.	1856
Arnold, Robt. E., Ark.	1871	Barnett, J. W., Miss.	1854	Bickham, W. S., La.	1887
Arnold, Willis J., La.	1870	Barron, Oscar L., Miss.	1888	Bienvenu, Delphin, La.	1878
Arrington, R. H., Ala.	1850	Barron, Thos. J., Ala.	1851	Binford, Jno. Hy., Miss.	1871
Artaud, Frank E., N. Y.	1884	Barron, Thompson, Tex.	1871	Bird, M. H., Ala.	1844
Arthur, John H., La.	1861	Barron, Wm. J., Miss.	1859	*Birdsong, S. T., Miss.	1870
Ash, John W., Ala.	1880	Barroso, F. deP., La.	1872	Black, Jno. A., Tex.	1878
Ashford, Ed. C., Ala.	1857	Barrow, David, La.	1880	Black, Thos. J., Miss.	1861
Atkinson, John J., Tex.	1887	Barry, Benj. F., Miss.	1855	Black, Wm. W., La.	1871
Atkinson, Robt. C., Va.	1867	Barry, Edgr. S., La.	1853	*Blackshear, J. B., Tex.	1861
*Aubert, Oscar P., Ala.	1868	*Baskin, Jno. C., Ala.	1853	Blallock, Wm. R., Miss.	1876
Aucoin, A. A., La.	1884	*Baskin, Sam'l P., Ala.	1838	Bialock, Wm. C., Tex.	1883
*Austin, L. M., S. C.	1861	Batchelor, A. A., La.	1874	Blake, G. B., Colo.	1887
Austin, R. P., Miss.	1860	Bates, Cicero C., La.	1860	Blakewood, E. R., La.	1887
Avent, B. J. A., Miss.	1860	Bates, F. A., Miss.	1843	Blakewood, S. R., Ala.	1870
Ayres, William C., La.	1876	Bates, M. P., Miss.	1886	Blanc, H. W., La.	1885
				Blanchard, Ad., La.	1867

Clark, Eug., La.	1888	Cox, Elijah A., Miss.	1868	*DeBlanc, Dorsinos, La.	1856
Clark, Thos. C., Miss.	1861	Craddock, W. P., Ala.	1853	DeBlanc, Ernest, La.	1858
*Clarke, Hiram, Ga.	1858	Crain, Penn, La.,	1866	DeGraffenreidt, W. L.,	1855
*Clarke, R. Cary, Va.	1858	Cratin, Sylvester, Miss.	1873	Tex.	
*Cleary, Wm.,	1862	Crawford, E. A., La.	1871	DeGrange, Jos. T., La.	1888
Claverie, Jno. A., La.	1885	Crawford, G. G., Miss.	1853	DeJarnette, Jno. P., Ala.	1859
Clement, Jno. W., Ala.	1856	*Crawford, J. W., Ala.	1849	*Delaroderie, Tim., La.	1872
Clifford, Gus., Tex.	1877	*Crawford, R. A., Tex.	1873	Delatule, R. S. M. A., La.	1836
Clopton, A. G., Tex.	1852	*Crisler, Jno. W., Miss.,	1856	Delavigne, A. B., La.	1886
Clopton, W. Frank, La.	1872	*Crockett, Jno. B., Tenn.	1847	DeLee, Alex. S., La.	1860
*Cloutier, J. P. R., La.	1857	Crook, Wm. E., Ala.	1868	DeLee, Felix, La.	1867
Coates, W. Ford., Tex.	1856	Cross, Edw'd, Ark.	1862	Delente, Paul E., La.	1853
*Coates, W. S., Miss.	1851	Cross, Wm. N., Miss.	1870	Deloffre, Aug. A., Tex.	1869
Coats, J. R., Ala.	1884	Crowell, Benj. F., Ala.	1861	Delony, Isaac F., Ala.	1853
Cobb, Jno. A., Tex.	1884	Crum, Floyd E., Ala.	1873	DeMahy, Henry, La.	1883
Coburn, Jno., Penn.	1853	Crump, Jno. G., Tex.,	1883	Dement, David H., Miss.	1857
Cock, L. W., Tex.	1883	*Cullen, Jno. M., La.	1869	DeMontluzin, R., La.	1886
Cockerham, J. W., La.	1857	Culpepper, Hy. W., Tex.	1888	Denman, Alex. M., Tex.	1886
Cocreham, T. E., Tex.	1873	Cunnane, Wm. B. Tex.	1881	Denman, Moses R., Tex.	1860
Cody, Thos., Mo.	1846	Cunningham, S., Tex.	1882	Dennis, Frank H., La.	1868
Cohea, David, Miss.	1848	Cunningham, S. P., Tex.	1871	Depoorter, L. P., La.	1839
*Coit, Jas. J., La.	1849	*Cunningham, Wm. H.,	1860	DeRoaldes, A. W., La.	1870
Cole, David D. R., Ala.	1855	Miss.		DeRoaldes, F., La.	1876
Cole, Jas. L., Miss.	1848	Cunningham, Wm. H.		Deseay, A. L. M., La.	1882
Coleman, A. G., Arks.	1879	Ga.	1871	Deslattes, J. L., La.	1876
Coleman, F. W., Miss.	1866	Cunningham, Wm. M.		D'Estrampes, L. A., La.	1875
Coleman, Jno. H., Tex.	1877	Tex.	1878	DeVilleneuve, A. B., La.	1872
Collado, J. E., Cuba	1879	Cuny, Stephen E., La.	1860	Devore, Samuel, Ky.	1854
Collard, Felix R., Tex.	1869	Curell, Chas. M., La.	1860	*DeVotie, Jeff. H., Ga.	1862
Colley, Jos. C., Tex.	1884	Currie, Hugh B., La.	1870	Dickey, Eugene A., La.	1867
Collier, Thad. B. Tex.	1858	Czarnowski, Oscar, La.	1873	*Dickinson, J. W., Miss.	1845
Collier, Thos. J. Ga.	1867			*Dickson, G. L., Miss.	1874
Collins, Josh. A. Miss.	1857			Dickson, Sam'l. A., La.	1884
Collins, John W., Ala.	1860			Diebold, Christy B., La.	1887
Collins, O. L., La.	1861	Dabney, Thos. S., La.	1879	Diggs, Dan. M., Miss.	1881
Collins, R. M., La.	1874	*Dailey, L. O., Ala.	1854	*Dinkgrave, B. H., La.	1868
*Colmar, George, N. C.	1838	Dailey, Wm. E., Tex.	1861	*Dinkins, Jos. R., Miss.	1861
Colomb B. A., Fla.	1885	*Dale, Felix D., Ark.	1869	*Dirmeyer, Geo. W., La.	1851
Comer, Milton C., Ga.	1847	Dale, Wm. B., Ala.	1861	Dixon, John DeK., Tex.	1867
Comfort, J. W., La.	1854	Daly, O. P., La.	1881	Dixon, Wm. C., La.	1857
*Compton, J. McC., La.	1872	Dancey, C. T. M., Ala.	1843	Doby, James M., Ala.	1856
Compton, Jno. S., La.	1866	Danforth, Chas. A., Tex.	1884	*Dobyns, F. C., Miss.	1881
Compton, Sam'l G., La.	1858	Daniel, Chesley, Miss.	1872	*Dockery, Sam'l. H., La.	1868
Compton, S. N., Tex.	1868	Daniel, J. W., Tex.	1873	Dodds, A. M., Miss.	1873
Compton, T. J., S. C.	1886	Darling, Jos., Miss.	1885	Donald, Jas. C., Ala.	1854
Compton, T. W., La.	1847	Darnell, Jere C., Ark.	1877	Donald, Jos. M., Ala.	1854
Conerly, C. P., Miss.	1861	Davidson, A. Sid., La.	1862	Donald, Root. B., Miss.	1880
Connor, Aug. C., La.	1883	Davidson, Jno. C., Tex.	1886	Donaldson, J. T., La.	1879
*Connor, Wm. E., Tex.	1858	Davis, G. W., Vt.	1843	*Donnaud, A., La.	1862
Cook, Conrad E., Miss.	1873	Davis, H. M., Miss.	1886	Donnelly, Edm. B., La.	1837
Cook, D. A., Tex.	1870	Davis, Jas. A., Miss.	1871	Dorsey, J. H., Miss.	1850
*Cook, F. L., La.	1854	Davis, Jas. B., La.	1858	Doty, J. J., Miss.	1853
Cook, Jas. V., Miss.	1860	Davis, Jas. M., Ala.	1861	*Dougherty, C. M., Miss.	1858
*Cook, Oscar L., La.	1858	Davis, Jno. P., La.	1860	Douglas, Geo. H., La.	1886
Cook, Thos. B., Miss.	1860	Davis, Jos. L. Tex.	1878	Douglas, John W., Tex.	1877
Cook, T. L. H., Miss.	1880	Davis, Noble J., Tex.	1871	Doumeing, Emile, La.	1857
Cooke, G. A. M., La.	1881	*Davis, Robt., La.	1862	Downes, Jas. M., La.	1847
Cooke, Wm. O., Ga.	1880	Davis, Robt. H., Miss.	1848	Downman, H. P., Tex.	1868
Cooper, D. J., D. C.	1869	*Davis, Sam'l. R., Miss.	1859	Doyle, P. R., La.	1856
Cooper, Sam'l M., La.	1881	Davis, Thos. A., Ala.	1851	Drake, Jno. B., Miss.	1866
*Coorpender, W. F.,		Davis, Wm., Tex.	1857	Dreifus, E., La.	1876
Miss.	1852	Daviss, Ed. P., Tex.	1885	*Drew, E. S., La.	1854
Corry, N., La.	1856	Dawson, Eli L., Ark.	1883	*Drouillard, V. A., La.	1840
Cothran, Jno. W., Ala.	1859	Day, Elisha L., Tex.	1872	Dubourg, A. L., La.	1854
Cotten, Thos. L., Miss.	1847	Day, Jos. W., La.	1884	*Dubourg, Eugene, La.	1854
Cotten, Robt., La.	1867	Dean, R. H., Miss.	1875	Ducatel, A., La.	1868
*Courregè, S. La.	1880	Deason, Gilbert T., Ala.	1858	Ducoté, C. J., La.	1875
*Covington, T., Miss.	1851	Deason, J., Tex.	1877	Dudley, Jas. B., Miss.	1888
Cowan, Chas. G., Miss.	1859			*Duffel, Jno. Ed., La.	1861

*Gilson, W. C., Tex.	1851	Guilbeau, Felix, La.	1872	Harvey, Jos. E., Miss.	1853
Ginn, Jno. B., La.	1860	Gunby, I. P., La.	1884	Harvey, L. C., Miss.	1861
Gipson, F. L., Miss.	1872	Gunn, Oscar D., Miss.	1867	*Harwell, E. J., Ala.	1841
Girard, P. M., La.	1882	Gustine, F. J., La.	1883	Harwood, T. B., Ala.	1860
*Given, Jas. G., La.	1872	Guy, Jos. H., Tenn.	1852	Hatchett, B., Tex.	1885
Givens, Alonzo, La.	1857	*Guyol, L. P., La.	1874	Hava, Adrian, La.	1884
Gladden, A. H., La.	1888	Guynes, Hy. L., Miss.	1886	Haw, Benj. S., La.	1856
Glass, Robt. S., Ala.	1871	Gwinn, C. V., Miss.	1867	Hawkins, Chas. C., La.	1876
Godbold, Wm. L., Miss.	1867			Hawkins, W. J., Miss.	1867
Godley, Jas. R., Tex.	1869			Hayden, M. M., La.	1878
Goelet, Ed. B., La.	1888			*Haydon, G. W., Tex.	1877
*Goldsby, Miles W., La.	1860			Hayes, Jas. P., La.	1878
Gooch, J. M., Tex.	1888			Hayes, Wm. H., Miss.	1861
*Goode, Jas. J., La.	1858			Haynes, Jas. M., Miss.	1859
Goodman, John, Ky.	1859			Haynes, J. P., Tex.	1870
Goodrich, William, Tex.	1875			Haynes, S. B., Miss.	1861
Goodwin, H. L., Ala.	1853			Haynie, Uriah, Tex.	1853
Goodwin, Wm. H., Ark.	1870			Haynie, Wm. H., Tex.	1881
Gordon, Gil. E., Miss.	1861			Hays, G. A. B., La.	1874
Gordon, Thos. J., Miss.	1857			Hayward, Harry, La.	1886
Gordon, W. B., Miss.	1844			Heacock, Jno. W., Ala.	1867
Gosewisch, W. R., Cal.	1888			Heard, Thos. J., Tex.	1845
Gouaux, Theophile, La.	1885			*Heath, Jas. P., La.	1877
*Gourlay, J. C. T., La.	1854			*Hébert, Gust. S., La.	1857
Grace, Henry C., Tex.	1884			Hébert, Thos., La.	1880
Grace, J. E., Tex.	1875			Hebron, John L., Miss.	1858
Grace, Wm. N., La.	1881			Hedrick, Wm. C., Miss.	1847
Graillhe, Arthur, La.	1870			Helm, Wm. B., La.	1880
Graner, E. J., La.	1887			Helwig, Chas. O., La.	1856
Grant, E. M., Miss.	1872			Henderson, J. W., Tex.	1875
Grant, Jas. C., Canada	1844			Henderson, R. H., S. C.	1857
Graves, Amos, Miss.	1868			Henderson, V. E., Tex.	1867
*Graves, Elijah M., Mo.	1856			Hendrick, J. D., La.	1856
*Graves, H. S., Miss.	1845			Hendrick, O., Miss.	1853
*Graves, L. M., Miss.	1861			Hendricks, J. G., Tex.	1874
Gray, And. J., Tex.	1882			Henry, Edm. T., Miss.	1850
Gray, Fred. C., S. C.	1845			Henry, S. L., La.	1866
Gray, Henry C., Tex.	1853			Herbert, O. E., Texas.	1867
Grayson, Thos. B., Tex.	1855			Hereford, R. F., La.	1851
Greenleaf, L. M., La.	1850			Herrick, S. S., La.	1861
Greenlee, W. R., Minn.	1884			Herring, J. H., Tex.	1898
Greer, Jas. H., Miss.	1873			Hester, M. L., Ala.	1853
Greer, Joseph, Tex.	1869			Heustis, James F., Ala.	1848
Greer, Ruf. A., Tex.	1880			Hicks, D. L., La.	1885
Gregg, Rich. S., Tex.	1873			Hicks, D. P., La.	1878
Gregory, F. B., Ga.	1886			Hicks, J. Y., Tex.	1855
Gregory, F. R., Miss.	1852			Hicku, J. M., Miss.	1861
Gregory, L. W., La.	1868			*Hicks, J. R., Miss.	1861
*Grier, Sam'l. L., Miss.	1848			Hidalgo, A. M., Cuba.	1846
Griffin, E. F., Miss.	1860			*Higginbotham, J. J. Ala.	1849
*Griffin, H. B., Miss.	1857			Hill, Chas. W., Miss.	1860
Griffin, Josephus F., La.	1856			Hill, F. M. D., Tex.	1887
Griffin, J. H., La.	1878			Hill, H. B., Tex.	1878
Griffin, L. M., La.	1878			*Hill, James C., La.	1851
*Griffin, M. M., Miss.	1856			Hill, L. D., Tex.	1858
Griffin, Patrick H., Ga.	1859			Hill, Lewis H., Miss.	1859
Griffin, Wm. A., Tex.	1858			Hill, Robt. E., Tex.	1858
Griffing, D. Mc., Miss.	1852			Hill Sam. A., Ala.	1859
Griffith, Jr., D. M., Ky.	1888			Hill, Wm. H., Miss.	1869
Grizzard, L. A., Tex.	1876			Hill, W. H., Tenn.	1853
Grogan, Robt. P., N. C.	1853			Hilliard, Henry I., Tex.	1872
Grosart, Max. F., La.	1878			Hilliard, Walter, Tex.	1869
Grube, O. R., La.	1876			Hilton, Chas. W., La.	1887
Guerraut, Jno. W., Tenn.	1860			Himel, August, J., La.	1881
Guice, Nap. L., Miss.	1858			Himel, Numa, La.	1880
Guice, Wm. M., La.	1860			Hincks, Wm., La.	1888
Guidry, Homer, D., La.	1870			Hines, John H., Miss.	1867
Guilbeau, Arthur, La.	1879			Hinsdale, W. G., Miss.	1886
Guilbeau, Ben. H., La.	1885			Hiriart, Emile, La.	1880

H.

*Hacker, Jno. B., La.	1842	Harvey, Jos. E., Miss.	1853
Haden, Jno. M., Miss.	1847	Harvey, L. C., Miss.	1861
Haden, Richd. D., Tex.	1857	*Harwell, E. J., Ala.	1841
*Haddox, Wm. T., Ala.	1859	Harwood, T. B., Ala.	1860
Hagard, M. L., Tex.	1871	Hatchett, B., Tex.	1885
Hairston, Sam'l. J., Miss.	1867	Hava, Adrian, La.	1884
Hale, Elij. H., Tex.	1882	Haw, Benj. S., La.	1856
Hall, Alex. P., Ala.	1859	Hawkins, Chas. C., La.	1876
Hall, Alfred, S. C.	1857	Hawkins, W. J., Miss.	1867
Hall, Chas. A., La.	1883	Hayden, M. M., La.	1878
Hall, Hugh L., Tex.	1871	*Haydon, G. W., Tex.	1877
Hall, Jas. J., Ala.	1868	Hayes, Jas. P., La.	1878
Ham, Ernest P., Ga.	1888	Hayes, Wm. H., Miss.	1861
*Hamilton, Alex., La.	1849	Haynes, Jas. M., Miss.	1859
Hamilton, Edwd. L., Ark.	1858	Haynes, J. P., Tex.	1870
Hamilton, J. M., Tenn.	1874	Haynes, S. B., Miss.	1861
Hamilton, Jno. W., Tex.	1887	Haynie, Uriah, Tex.	1853
Hamilton, S. D., Miss.	1874	Haynie, Wm. H., Tex.	1881
*Hamlin, C., La.	1849	Hays, G. A. B., La.	1874
Hammond, P. L., Ala.	1859	Hayward, Harry, La.	1886
Hand, Sam. P., Ala.	1884	Heacock, Jno. W., Ala.	1867
Hanson, Jno. D., La.	1880	Heard, Thos. J., Tex.	1845
Haralson, H. H., Miss.	1888	*Heath, Jas. P., La.	1877
Harang, Wm. F., La.	1878	*Hébert, Gust. S., La.	1857
Hardin, Jas. O., Tenn.	1867	Hébert, Thos., La.	1880
Harding, W. A., Miss.	1886	Hebron, John L., Miss.	1858
*Hardy, Jno. E., Miss.	1866	Hedrick, Wm. C., Miss.	1847
Hargis, R. B. S., Fla.	1844	Helm, Wm. B., La.	1880
Hargrove, C. R., Tex.	1888	Helwig, Chas. O., La.	1856
Harkins, G. W., Ind. T.	1887	Henderson, J. W., Tex.	1875
*Harmon, A. M., Tex.	1851	Henderson, R. H., S. C.	1857
*Harmon, A. S., Miss.	1850	Henderson, V. E., Tex.	1867
Harmon, Robt. H., Ala.	1869	Hendrick, J. D., La.	1856
Harnan, Wm. R., La.	1887	Hendrick, O., Miss.	1853
*Harper, Jas., Ark.	1860	Hendricks, J. G., Tex.	1874
Harper, Miles H., La.	1850	Henry, Edm. T., Miss.	1850
Harper, Wm. D., La.	1885	Henry, S. L., La.	1866
Harrell, Ed. B., Tex.	1888	Herbert, O. E., Texas.	1867
Harrell, Jas. D., Miss.	1870	Hereford, R. F., La.	1851
Harrell, R. F., La.	1879	Herrick, S. S., La.	1861
Harris, Andrew P., Miss.	1866	Herring, J. H., Tex.	1898
Harris, Ben. G., Ala.	1837	Hester, M. L., Ala.	1853
Harris, Elisha M., Tenn.	1859	Heustis, James F., Ala.	1848
Harris, Evan P., Ala.	1869	Hicks, D. L., La.	1885
Harris, Jephtha V., Fla.	1861	Hicks, D. P., La.	1878
Harris, Robt. L., Tex.	1861	Hicks, J. Y., Tex.	1855
*Harris, Wm. V., Miss.	1861	Hicku, J. M., Miss.	1861
*Harriss, Geo., La.	1844	*Hicks, J. R., Miss.	1861
Harrison, Edw., La.	1869	Hidalgo, A. M., Cuba.	1846
Harrison, T., Ala.	1858	*Higginbotham, J. J. Ala.	1849
Harrison, Thos. J., La.	1879	Hill, Chas. W., Miss.	1860
*Harrison, W. B., Ala.	1858	Hill, F. M. D., Tex.	1887
Harrison, Wm. C., La.	1882	Hill, H. B., Tex.	1878
Harry, Jno. J., Miss.	1878	*Hill, James C., La.	1851
*Hart, Alexander, La.	1836	Hill, L. D., Tex.	1858
Hart, G. H. J., La.	1888	Hill, Lewis H., Miss.	1859
Hart, J. H. B., La.	1886	Hill, Robt. E., Tex.	1858
		Hill Sam. A., Ala.	1859
		Hill, Wm. H., Miss.	1869
		Hill, W. H., Tenn.	1853
		Hilliard, Henry I., Tex.	1872
		Hilliard, Walter, Tex.	1869
		Hilton, Chas. W., La.	1887
		Himel, August, J., La.	1881
		Himel, Numa, La.	1880
		Hincks, Wm., La.	1888
		Hines, John H., Miss.	1867
		Hinsdale, W. G., Miss.	1886
		Hiriart, Emile, La.	1880

*Hiriart, P. J., La.	1869	I.	Jones, Kleber, Tex.	1870
Hiriart, Paul L. La.,	1841		*Jones, L. P., Tex.	1872
Hobson, O. A., Miss.	1860	*Inabuit, Jno. A., Tex.	Jones, L. Harvey, Ga.	1887
Hocker, Preston, Tex.	1871	*Inge, Geo. W., Miss.	Jones, Philip H., La.	1878
Hodge, Charles W., La.	1882	Inge, Z. M. P., Miss.	Jones, Robt. E., Miss.	1869
Hodge, J. F., La.	1886	Ingram, J. T., Ark.	Jones, R. Rivers, La.	1887
Hodnett, Wm. H., Ga.	1858	Inman, Benj. W., Miss.	Jones, Stanhope, La.	1883
Höff, Oliver, Ga.,	1858	Irion, C. H., La.	*Jones, Stirling H., Ala.	1851
Hogan, Benj. R., Ala.	1845	Irvine, W., La.	Jones, T. W., Ala.	1851
Holcombe, Jas. M., Ark.	1860	Irwin, E. L., La.	Jones, Wm. B., La.	1869
Holcombe, L. L., La.	1859	Isbell, Jas. M., Tex.	Jones, Wm. C., Tex.	1869
Holden, Jno. E., Miss.	1861	Izard, Geo. L., Miss.	Jones, Wm. L., Fla.	1859
Holder, A. B., Miss.	1886		Jones, Wm. O., Ga.	1861
Hollaway, Wm. A., La.	1884	J.	Jones, Wm. P., Tex.	1886
Holliday, Titus T., Miss.	1860	Jackson, A. E., La.	Jordan, John A., Tex.	1857
*Hollinger, J. A., Ala.	1848	Jackson, D. A., Ark.	Jordan, John, Tenn.	1860
Hollis, H. L. W., Ark.	1861	Jackson, David D., Miss.	Jordan, Sam'l M., Miss.	1870
Holloway, Jas. M., Ky.	1857	Jackson, James, La.	Josey, Chas. R., Ga.	1884
Holloway, Jos. A., La.	1878	Jackson, James T., La.	Jowers, Clebe., Ga.	1888
Holman, Geo. T., Tex.	1879	*Jackson, Joseph, La.		
*Holman, Jno. T., Miss.	1861	Jackson, R. B., Tex.	K.	
Holmes, Benj. R., Miss.	1844	Jackson, Robt. G., La.	Karnes, Thos. C., Tex.	1885
Holt, King, La.	1871	Jamison, David, La.	Kearney, F. J., La.	1886
Hood, O. J., Miss.,	1855	Jamison, Marcus L., Ark.	Keitz, Gustave, La.	1880
Hood, R., Ala.	1852	Janin, Jules, La.	*Kelly, C. H., La.	1868
Hooker, Wm. R., Miss.	1874	*January, D. P., La.	Kelly, Hugh, La.	1886
Hooper, Elihu M., La.	1862	Jarrell, J. S., Tex.	Kelly, Wm. A., Miss.	1885
Hooper, J. M., Miss.	1870	Jarrett, A. L., Miss.	Kemp, Jos., La.	1872
Hoover, Christian, Miss.	1867	Jarrett, J. C., Tex.	Kemp, Mark D., Tex.	1869
Hous, John M., Tex.,	1871	Jastremski, L. H., La.	Kendall, O. J., Tex.	1884
Hope, Elam J., Miss.	1860	*Jenkins, John P., La.	Kendall, Wm. S., La.	1868
Hope, Franklin L., La.	1888	Jenkins, L. W., Ala.	*Kendrick, G. W., La.	1858
Hopkins, Fred. V., La.	1866	Jenkins, Thos. G., Ala.	Kendrick, R. J., Fla.	1854
Hopkins, René R., La.	1869	Jennings, Chester, Ark.	Kennedy, Jno. D., Ala.	1884
Horn, Wm. Robt., Ala.	1855	Jennings, Wm. D., Tex.	Kennedy, Jno. T., Tex.	1868
Horne, Albert, Tex.	1872	Johns, P. W., Tex.	Kennedy, Nat. B., Ala.	1860
Houston, Jas. F., La.	1857	Johnson, F. G., Miss.	Kennedy, R. W., La.	1877
Houston, P. B., Ala.	1855	Johnson, James C., Tex.	Kennedy, S. D., La.	1850
Hough, Wm. P., La.	1883	*Johnson, Jas. T., Ala.	Kennedy, Thos. S., La.	1869
Howe, Alex. T., La.	1889	*Johnson, John B., La.	*Kenyon, Chas. E., La.	1866
Howell, Chas., La.	1882	Johnson, John F., Tex.	Kenyon, O. T., Ga.	1886
Howell, John B., La.	1860	Johnson, John H., N. C.	*Kerel, Julius T., La.	1858
Howell, John L., Tex.	1874	Johnson, John L., La.	Kerr, Geo. W., Tex.	1878
Huard, Louis O., La.	1857	Johnson, J. J., La.	Kersh, Virgil E., Ark.	1870
Hubbard, H. H., Cal.	1854	Johnson, Joshua O., La.	Key, Henry J., La.	1862
Hudson, Chas. S., Miss.	1876	Johnson, Marshall, Tex.	Kibbe, Jos. E., La.	1887
Hudson, S. E., Tex.	1886	Johnson, Robt. A., Tex.	Kibbe, Wm. G., La.	1878
*Huff, August, C., Miss.	1854	Johnson, Wm. J., La.	Kidd, Eugene M., La.	1860
*Hulse, John J., La.	1855	*Johnson, W. R., Tex.	Kiger, Wm. J., Miss.	1876
Hughes, B. M., Ala.	1882	Johnston, J. P. B., Ala.	Kilbourne, H. G., La.	1886
Hughes, Edwin O.	1838	Jones, A. W., La.	Kilbourne, James, La.	1881
Hughes, W. P., Miss.	1851	Jones, Chas. H., Miss.	Kilpatrick, J. T., Tex.	1879
Huhner, Geo., La.	1881	Jones, Clement F., Tex.	Kilpatrick Ralph, La.	1885
*Humble, Josiah K., La.	1857	Jones, D. N., Miss.	*Kilpatrick, R. H., Ala.	1859
*Humphreys, C. W., Miss.	1854	Jones, Dudley W., Miss.	Kimbrough, W. L., Ala.	1881
Humphreys, D. S., Miss.	1885	Jones, Ed. H., Tex.	King, J. C. J., Tex.	1871
Hunt, Jas. M., Miss.	1861	Jones, Edw. W., La.	King, Jno. B., Tex.	1875
Hunt, Leander D., N. C.	1860	Jones, Ernest P., Miss.	King, Robt. B., Ark.	1868
Hunter, Arthur F., Ga.	1857	Jones, George W., La.	King, Walter B., Tex.	1886
Hunter, Henry J., Tex.	1861	Jones, G. Willard, La.	King, Wm. A., Tex.	1873
Hunter, Jno. D., La.	1878	*Jones, James Alb., La.	King, Wm. B., Miss.	1860
Hunter, Jno. F., Miss.	1882	Jones, Jno. A., Ills.	King, Wm. W., La.	1841
*Hunter, J. W., Wash.	1849	Jones, Jno. C., Ala.	Kirkpatrick, D. F., Tex.	1887
*Hurd, Seth R., La.	1861	*Jones, John H., Ala.	Knoblauch, C. F., La.	1874
Hurt, Wm. H., Tex.	1874	Jones, Jno. T., La.	Knolle, B. E., Tex.	1886
Hussey, Jno. T., Tex.	1867	Jones, J. Welch, La.	*Knowles, Jas. B., Ga.	1859
Hutchins, Jno., Ark.	1868	Jones, Jno. W., La.	Knox, Jackson, G., Miss.	1857
Hutchinson, A. R., Ala.	1850	Jones, Jno. Wm., Ga.	Kohn, Arthur, La.	1857
Hutchinson, J. D., Miss.	1869	Jones, Joe. S., La.	Kowalewski, K., La.	1842
Hynes, Thos. O., La.	1858			

Kuykendall, A. C., Miss.	1886	*Lewis, C. D., La.	1859	McCaleb, Jas. H., Tex.	1888
*Kyle, O. M., Tex.	1870	Lewis, Ernest S.	1862	*McCallum, G. C., Miss.	1868
L.					
Labarria, F. V., Cuba	1846	Lewis, Geo. W., La.	1867	McCamly, W. A., Tex.	1869
Labry, P. O., La.	1884	Lewis, Irwin E., Miss.	1847	McCane, Jas. J., Ala.	1882
Lamb, Jas. H., La.	1888	Lewis, John H., La.	1886	McCarty Jno., La.	1839
Lambert, Jno. W., La.	1887	Lewis, M. D., La.	1886	McCarty W. D., Miss.	1884
Lambert, Numa, La.	1859	Lewis, Sam. P., Miss.	1860	*McCary, J.M., Ala.	1858
Lambremont, P. M., La.	1852	Lewis, Thos. J., Miss.	1874	McCaskill, A., Ala.	1856
Lamkin, L. H., Miss.	1881	Lewis, Walter, Tex.	1860	McClanahan, J. D., Tex.	1875
Lamkin, Wm. J., Miss.	1868	Licht, F. S., La.	1877	McClanahan, T. W., Tex.	1861
Lancaster, Alonzo, Miss.	1846	Ligon, Edward A., Ala.	1853	McClung, R. L., Tex.	1870
Land, Henry G., N. C.	1861	*Ligon, Edwin T., Tex.	1873	McClure, W. A., Miss.	1845
Landrum, C. A., Fla.	1876	Lilly, Thomas W., La.	1857	McCord, W. H., Tenn.	1860
Landry, Jos. A., La.	1856	*Lindsay, Wm. B., Miss.	1839	McCormick, F. M., La.	1869
Lane, Alex. G., Mo.	1858	Lipscomb, R. H., Tex.	1861	McCormick, Jos. H., La.	1866
Lane, And. J., Tex.	1874	Lipscomb, Robt. S., Tex.	1888	McCracken, R., La.	1848
Lane, John L. Tex.	1870	Lipscomb, W. L. Miss.	1850	McCrary, Jas., La.	1871
Lane, Robt. G., Tex.	1861	*Lister, S. Q., Tex.,	1856	McCreary, J. A., Ala.	1860
Lane, Wade J., Tex.	1886	Littell, Ben. A., La.,	1888	McCreight, W. R., La.	1858
Langenbecker, C. O., La.	1878	Littell, Robt. M., Tex.	1885	*McCrindell, L. S., La.	1871
Langstaff, O. D.	1886	*Little, Jeff. J. Miss.	1860	McCulloch, Wm., La.	1853
Langworthy, Jas. S., La.	1875	Little, John, Ala.	1869	McCullough, R. C., La.	1879
Lanier, Emmett S., Miss.	1871	Livingston, J. A., Ark.	1856	*McCurdy, T. C., Ala.	1852
Lanier, Henry M., Miss.	1870	Lloyd, Wm. A., Miss.	1857	McCutchon, P. B., La.	1879
Lanier, Thos. H., Ala.	1859	Lockett, Thos. J., La.	1855	McDade, Geo. W., La.	1861
Laplace, Ernest, La.	1884	Lockett, Wm., A. Ala.	1872	McDaniel, James, Ark.	1869
*Larcade, J. A., La.	1876	Lockhart, D. H., Tex.	1886	McDonald, J. H., Miss.	1859
Larche, N. E., La.	1848	Lockhart, R. H., Ga.	1851	McDonnell, Henry, Ala.	1870
Larkin, B., La.	1883	Lockridge, W. T., Miss.	1850	McDowell, Jno. T., La.	1861
Larkin, John, La.	1886	*Lockwood, B. M. Miss.	1858	*McEachern, D. H., La.	1859
Laurans, J. J., La.	1886	Loggins, Jas. C., Tex.	1868	McEachern, W. H., Miss.	1867
*Lauve, Sam'l. E., La.	1853	Lohon, Jno. C.,	1836	McEnery, Hy., La.	1888
Lawrason, Geo. B., La.	1883	Longarre, T. T., La.	1876	McEvers, D. L., La.	1856
Lawrence, Paul, La.	1867	Longino, Hugh M., Tex.	1870	McFarland, B. F., Tenn.	1872
Lay, James E., Tex.	1868	Longmire, R. B., Tex.	1882	McFarland, J. M., Miss.	1870
Layton, Lewis F., Tex.	1887	Longmire, R. B., Ala.	1869	McGee, Jno., Ala.	1853
Layton, Robt., La.	1883	Lopez, Chas. J., La.	1873	McGee, J. G., Miss.	1837
Lea, Chas. H., Miss.	1866	Love, W. J., Tex.	1854	McGehee, E. L., Miss.	1874
Lea, James K., Miss.	1862	Lovelace, E. P., Ga.	1877	McGehee, J. E., Miss.	1869
Leake, James, La.	1884	Lovie, James, R. I.	1841	*McGehee, I. G. L., Miss.	1846
Leary, M. Francis, Kan.	1873	Lowe, E. P., Miss.	1885	McGehee, W. A., Tex.	1880
Leatherman, G. W., Miss.	1854	Lowe, J. H., La.	1858	McGill, Wm. M., Ala.	1856
LeBlanc, Pierre, La.	1885	Lowe, M. M., La.	1885	McGowen, Wm. C., Tex.	1854
Lebeuf, Louis Geo., La.	1887	Lowe, W. H., Ala.	1851	McGraw, Allen E., Ala.	1861
Ledbetter, A. A., Tex.	1870	Lowther, J. R., Ark.	1861	McGuffee, Calvin, Tex.	1869
Ledet, Henry F., La.	1869	Luckett, Robt. L., La.	1860	McGuffey, Hardy, La.	1818
Lee, D. A. J., Miss.	1845	*Luckett, S. G., Miss.	1860	McGuire, Wm. R., Tex.	1881
Lee, Geo. H., Tex.	1888	Lunn, Wm. W., Tex.	1884	McHenry, M. A., Ark.	1882
Lee, J. B., La.	1851	Luse, Jas. N., Miss.	1871	*McIlveen, T. S., Tex.	1870
Lee, Robt. A., Ala.	1860	Lusk, P. B., La.	1884	McInnis, D. B., Miss.	1866
Lee, Wm. J., Ala.	1860	*Luster, Geo. P., Miss.	1854	*McInnis, D. F., Miss.	1856
Lee, Wm. W., Miss.	1862	Luster, M. J., Miss.	1854	McInnis, S. Alex., Miss.	1867
Leech, R. H., La.	1887	Luten, Jos. R., Ky.	1868	*McInnis, Wm. G. Tex.	1870
Léger, Alfred, E., Tex.	1870	Lynch, Jno. P., La.	1880	McIntosh, Allen, Ala.	1845
Leggett, Wm. W., Miss.	1859	Lyon, Jas. R., Tex.	1882	McIntyre, Jno. C., Miss.	1853
Lehde, Jno. P., La.	1867	Lyons, John J., La.	1859	McKenna, P. J., La.	1888
LeMay Wm. C., Miss.	1861	Lyons, Michael L., La.	1871	*McKinney, J., La.	1857
Lemly, Joseph, Miss.	1853	Lyons, Raphael R., La.	1862	*McKinney, W. H., Miss.	1852
Lemonnier, Y. R., La.	1868	Mc.			
LePrêtre, Jno. A., La.	1852	McAfee, Jos. R., Ala.	1856	*McKinnon, A., Ala.	1855
LeRoux, C. L., Miss.	1874	McAlexander, E., Ala.	1853	McKinnon, Jno. A., Ala.	1867
*Leslie, N. K., La.	1846	McAlpin, Mark R., La.	1887	*McKnight, D., Tenn.	1854
Lessley, W. W. Miss.	1871	McArn, Wm. T., Miss.	1867	*McKnight, J. M., Tex.	1872
Letcher, F. M., Ala.	1861	McBane, J. W., Ill.	1861	McKowen, E. C., La.	1886
Levy, Marx, La.	1876	McBride, Jno. A., Miss.	1878	McLain, A. F., La.	1858
Lewenthal, A., Miss.	1880	*McCaa, D., La.	1881	McLaughlin, J. W., Tex.	1867
		McCaleb, Geo. W., Tex.	1888	McLaurin, H. C., Miss.	1888
				McLaurin, H. L., Miss.	1884
				McLean, Frank, Miss.	1866
				McLean, J. T., Cal.	1850

McLean, R. W., Miss.	1855	Matas, Rudolph, La.	1880	Moodie, F. W., Ala.	1854
McLean, W. J., Ala.	1871	Matchett, J. F., Tex.	1851	*Moodie, Jno. F., Tex.	1859
McLemore, R. S., Miss.	1872	Mathieu, Jules, La.	1854	*Moody, Joe, Tex.	1879
McLendon, Jno., Tex.	1873	Matthews, Geo. W., Tex.	1872	Moody, Robt. F., Ala.	1860
McLendon, J. P., Tex.	1883	Matthews, Jas. A., Tex.	1878	Moody, Thos., Tex.	1880
McLeod, J. F., Miss.	1850	Matthews, Wm., Tex.	1881	Moody, Wm. C., Tex.	1870
McLeod, J. K., Miss.	1868	Matthews, Wm. T., Miss.	1887	*Moore, Aug. H., Ala.	1859
McLeod, J. W., Miss.	1882	Mattingly, A. R., La.	1887	*Moore, James, Miss.	1853
McLure, Neil, Tex.	1885	May, Green B., La.	1848	Moore, Jas. C., Tex.	1876
McManus, Chas., La.	1846	*May, Wm. M., Miss.	1852	Moore, J. F., Miss.	1855
McMillan, W. W., Ala.	1856	Mayer, F., La.	1883	Moore, Jas. M., La.	1859
McMurtry, L. S., Ky.	1878	Mayer, R. A., La.	1888	Moore, Jas. R., Miss.	1862
McNeely, J. N., Ala.	1857	Mayfield, Jas. E., Tex.	1871	*Moore, John W., Tex.	1856
*McNeil, T. K., La.	1868	Mayfield, Jno. C., Tex.	1874	Moore, Thos. S., Tex.	1858
McNeill, W. O., Miss.	1887	Maylié, Alex. G., La.	1887	Mooring, C. B., Tex.	1853
McNeill Wm. T., Tex.	1884	Mays, Chas. E., Tex.	1885	Moreau, Jos. T., La.	1855
McPherson, J. N., Miss.	1867	Means, Hudson J., Ala.	1853	Morgan, F. E., Ark.	1874
McPherson, Wm. Ala.,	1858	Meeker, Samuel, La.	1859	*Morgan, Hy. W., La.	1858
McRaven, J. S., Miss.	1854	Megee, Jno. T., Miss.	1877	Morgan, M. D., Miss.	1859
*McRenolds, J. H. W. Tex.	1885	Mélançon, M. C., La.	1835	*Morgan, Wm. W., Ala.	1856
McShane, Aug., La.	1882	Mélançon, P. R., La.	1861	Morris, S. A., Miss.	1888
McSwine, Wm., Miss.,	1867	Melchert, C. H., Tex.	1878	Morrison, John, La.	1857

M.

Mabry, F. D., Miss.	1866	*Mellon, Wm. F., Miss.	1853	*Morrison, J. M., La.	1859
Madden, James M., Ga.	1862	Menefee, E. L., Tex.	1885	Morse, E. M., La.	1857
*Madden, Virgil V., Tex.	1859	Menefee, Wm. E., Tex.	1888	Morton, J. H., Tenn.	1869
Maddox, Wm. E., Tex.	1860	Mercer, Jno. A., Tex.	1887	Mosely, E. B., Ala.	1857
Magee, H. G., La.	1883	Mercer, Wm. M., Tex.	1859	Moss, A. H., La.	1879
Magee, J. O., Miss.	1858	Merchant, C. B., Tex.	1886	Moss, John R., La.	1875
Magee, Robt. J., Miss.	1868	Mercier, C. S., La.	1878	*Moss, N. B., La.	1862
*Magee, Wm. L., La.	1855	*Meredith, C. C., La.	1855	Moss, N. P., La.	1887
Magruder, Jas. W., Miss.	1876	Meritt, Thos. D., Miss.	1861	Moss, Wm. A., La.	1861
*Magruder, J. T., Miss.	1872	Meriwether, Lewis, Tex.	1871	Mouton, G. C., La.	1883
Magruder, L. W., Miss.	1867	*Mestayer, Jno. G., La.	1859	Muckle, E., Ala.	1854
Mahon, Geo. D., Tex.	1886	Metcalfe, Hy. L., La.	1878	Mudd, F. S., La.	1883
Malhiot, Francis E., La.	1868	*Mcux, Thos. O., La.	1838	*Mueller, J. W., La.	1837
Mallet, John W., Va.	1868	Meyer, Albert J., La.	1886	Muir, Jos. W., Ky.	1876
Malter, J. M., La.	1882	Meyer, Joseph, Ky.	1874	Mulkahy, Esteban, La.	1871
Mandeville, Wm. R., La.	1871	Meylor, Jno. Jos., La.	1861	Mulkahy, Raphael, La.	1871
Maness, M. H., Tex.	1882	Michmard, Paul, La.	1883	Mullen, Henry F., Ala.	1858
Mannheimer, M., Ills.	1870	Miles, Albert B., Ark.	1875	Mumford, F. M., La.	1867
Manning, A. M., Ga.	1853	Miles, Elbert M., Tex.	1872	Munday, Jno. C., La.	1872
*Manning, Thomas, La.	1861	Miles, Thos. F., Tex.	1884	Murdock, L. A., La.	1883
Maples, J. S., La.	1850	Milburn, H. C., La.	1883	*Murphy, John S., La.	1856
Marchesseault, I., Can.	1848	*Millar, W. S., Ariz.	1853	Murphy, Rufus J., Miss.	1861
Marks, Joshua, La.	1847	Miller, Henry L., Tex.	1872	Murphy, S. C., Miss.	1859
Marks, Thos. M., Tex.	1860	Mills, John C., La.	1851	*Murphy, Wm. C., Ala.	1860
Marrero, F. G., La.	1884	Mills, Thos. L., La.	1857	Murphy, Wm. M., Miss.	1875
Marsh, B. C., Tex.	1886	*Mills, William G., La.	1869	Musick, J. T., Tex.	1869
Marshall, F. W., La.	1849	Milner, J. C., La.	1855	Myers, M. M., S. C.	1861
Marshall, Wm. F., Ala.	1869	Mims, Wm. D., Miss.	1873	Myles, Robt. C., Miss.	1874
Martin, Chas. N., Ark.	1878	Minnock, R. F., Tex.	1884		
Martin, Frank R., Miss.	1873	Minvielle, Geo. P., La.	1877		
Martin, Francis R., La.	1885	Mlton, E. J., La.	1877		
Martin, George A., La.	1887	Mitchell R. W., Tenn.	1856	Nabers, Francis D., Ala.	1867
Martin, George W., La.	1879	Mitchell, Thos. F., Ala.	1838	Nailer, Frank, Miss.	1860
Martin, H. M. D., La.	1855	Mixon, Wm. L., Ala.	1849	Nailer, Jefferson, Miss.	1870
Martin, James, Miss.	1861	Mizell, Geo. D., Miss.	1880	Nall, Robt. B., Miss.	1870
Martin, Robt. C., Miss.	1841	*Mobley, Jno. M., La.	1857	Nash, C. C., La.	1887
Martin, S. C., Miss.	1866	Mobley, Wm. J., La.	1869	Nash, Jno. V., La.	1888
Martin, William, La.	1874	*Mobley, Wm., Ala.	1856	Naul, J. W., La.	1861
Martin, Wm. B., Miss.	1886	Moffett, Sam. J., Tex.	1869	Nave, Sam'l F., Tex.	1888
Martin, W. McD., Miss.	1878	Molett, Jno. D., Ala.	1869	Neal, Vandy M., Ala.	1860
Martinez, Louis, Ala.	1855	Monchet, Antoine, La.	1855	Needham, Eli W., Ala.	1858
Mason, Dorsey, Tex.	1874	*Moncrief, Jas. H., Ark.	1861	Neely, Robt. M., Miss.	1861
*Massingale, B. A. H.,	1856	Monday, Wm. H., Tex.	1871	Nelson, Jos. R., Tenn.	1882
Miss.		Monette, Geo. M., La.	1871	Nelson, Thos. Y., Miss.	1878
		Monroe, Geo. W., Ala.	1859	*Nesmith, W. J., Miss.	1870
		Montgomery, A. L., Tex.	1887	*Nettles, Jos. A., La.	1853
		Montgomery, J. R., La.	1860	Nettles, S. S., La.	1853

N.

Nettles, Thos. W., Ala.	1867	Packwood, R. T., La.	1860	Porter, C. H., La.	1845
Newland, Wm. B., Tex.	1883	Paine, Chas. F., Ala.	1875	*Portwood, W. A., Miss.	1860
Newman, Geo. W., Tex.	1888	Paine, Jno. E., Miss.	1851	Posey, Geo. W., Ala.	1860
*Newport, A. G., La.	1841	Paine, J. F. Y., La.	1861	Posey, Jno. L., La.	1877
*Newsom, W. F., Ark.	1853	Paine, R. B., La.	1888	*Post, C. C., La.	1861
Newton, Allen, Ark.	1856	Parham, F. W., La.	1879	Postell, L. T., La.	1882
Newton, Isaac J., Ark.	1858	Palmer, R. D., Ala.	1886	Potts, Edgar, N., La.	1870
*Nichols, E. F., La.	1851	Parker, Daniel, Ala.	1860	Pou, Jas. G., Miss.	1871
Nicholson, E. G., La.	1870	*Parker, Sam'l, Vt.	1860	Powell, Thos. E., Tex.	1875
*Nicholson, I. E., Miss.	1852	Parker, Phil. E., Ark.	1885	Powell, Wm. P., Tex.	1859
Nicholson, John, La.	1842	Parra, Henry A., La.	1878	Power, Bonemy,	1844
Nixon, Jas. W., Tex.	1880	Parry, Sam'l M., Tex.	1857	Pratt, Geo. K., La.	1874
Noel, Sam'l S., Miss.	1860	Parsons, Edm. B., Tex.	1885	Prejean, U., La.	1877
Norman, Chas. M., La.	1878	*Parsons, H. A., Tex.	1855	Prestridge, B. G., Tex.	1888
Norman, Jason F., S. C.	1861	Passmore, B. F., Miss.	1860	Price, Morgan, L., Tex.	1870
Norman, Wm. B., Miss.	1886	Patrick, Allen, La.	1885	Priestley, Chs. S., Miss.	1878
Norman, Wm. S., Ark.	1875	Patrick, Robt., Miss.	1878	Prince, Robt. B., Miss.	1879
Northrup, S. G., Tex.	1888	Patterson, W. C., Ark.	1871	Profflet, L. E., Miss.	1861
Norvell, Eugene, Tex.	1871	Patton, C. B., Tex.	1872	Prowell, Jno. J., Miss.	1873
*Norwood, A. T., La.	1841	Patton, Thos. F., La.	1881	*Pugh, Jesse P., Tex.	1874
Norwood, E. O., Tex.	1886	Patton, W. S., Ala.	1853	Pugh, Jno. E., La.	1853
Norton, Wm. R., La.	1847	*Payne, Robt. B., La.	1858	Pugh, J. S., Tex.	1868
Notrebe, E. P., Ark.	1887	Payne, Robt. W., Miss.	1856	Pugh, Wm. W., Tex.	1885
Nott, Henry J., S. C.	1858	Pease, Jno. B., Miss.	1861	Pujol, J. B., Cuba.	1843
Nott, T. E., S. C.	1885	Peck, Jas. F., Tex.	1888	Purnell, H. W., Miss.	1862
Nuckolls, John M., La.	1860	Peirce, David B., La.	1848	Purviance, James, La.	1860
Null, N. B., La.	1877	Pelaez, Chas., La.	1861		
Nunn, Sam'l A., Miss.	1853	*Peniston, A. A., La.	1853		
*Nye, A. R., La.	1852	Pennington, T. H., La.	1856		

O.

Oates, C. D., Ala.	1872	Penny, W. T., La.	1858	Quin, O. B., Miss.	1879
Oates, Wm. E., Miss.	1867	*Penrose, J. B. W., La.	1856	Quinn, M. P., La.	1854
*Oatis, Jno. J., Miss.	1859	*Percy, Harry, La.	1859	Quinney, Jas. M., Ala.	1859
Odell, Sim. F., Tex.	1888	*Perez, James R., La.	1858	Quinney, Rigdon, Tex.	1852
Odineal, J. P., Miss.	1856	Perkins, Jr., A. J., La.	1888		
*Odom, A. J., Miss.	1856	Perkins, D. McD., Miss.	1858		
O'Donnell, Wm., La.	1884	Perkins, L. G., La.	1850		
Offutt, Wm. J., La.	1859	Perkins, S. J., La.	1887	Rabb, E. M., Tex.	1878
Ogden, Fred. N., La.	1843	Perkins, W. P., Tex.	1888	Race, Chas. T., Tex.	1882
*Ogden, Geo. P., Miss.	1847	Perkins, W. R., Miss.	1856	Radford, G. W., Tex.	1883
O'Hara, Jas. H., Ala.	1874	*Perkinson, T. B., Va.	1855	Ragland, John S., Tex.	1870
Oliver, A. C., Tex.	1871	Perry, W. W., Tex.	1854	Rainey, Frank, Tex.	1860
Oliver, Chas. A., Ala.	1846	*Peters, Chas. W., La.	1881	*Rainey, W. W., N. C.	1842
Oliver, Jas. D., Tex.	1867	*Peterson, Jno. P., Ala.	1852	Rains, Geo. P., Tex.	1869
Oliver, Jas. P., Tex.	1859	Pettit, A., La.	1870	Ramsay, Chas. H., Miss.	1886
Olliphant, H. S., La.	1885	*Pettit, Dan'l R., Miss.	1853	Ramsey, A. K., Ala.	1855
Olliphant, S. B., Ala.	1878	*Petty, James S., Ala.	1868	Ramsey, D. W., Ala.	1870
Olliphant, S. R., Miss.	1855	Phares, David, L., La.	1839	Rand, Ed., P. Ala.	1872
O'Neal, Wm. F., Tex.	1867	Phillips, L. W., Ga.	1861	Rand, Isaac T., La.	1862
O'Neil, C. F., La.	1859	Phillips, Jack, Ala.	1860	Rand, I. T., La.	1886
O'Reilly, Wm. T., La.	1884	Phillips, J. D., Tex.	1882	Randal, E., Tex.	1849
*Ormond, G. M., Ala.	1838	*Phillips, W. C., Ala.	1873	Randolph, Robt. L., La.	1884
Ormond, J. J., Ala.	1858	Phillips, Wm. L., La.	1857	Rapp, W. E., La.	1847
Orr, Dan. Jas., Miss.	1871	*Pickering, A. S., Ala.	1853	Rash, Jos. S., Ala.	1851
Osburn, Wm. M., Tex.	1885	Pickering, G. W., La.	1842	Rather, H. M., Tex.	1869
Oswald, Jas. W., Ark.	1859	Pickett, Wm. H., Ark.	1848	Ratliff, Wm. A., Miss.	1886
Otto, Thos. J., Ala.	1850	Pierce, Albert G., Miss.	1885	Rawlings, Ed. G., Ark.	1853
Overton, A. A., Mo.	1857	Pierce, Dunklin, Miss.	1858	Rawlings, Hardie S., La.	1887
*Owen, Chas. M., Tex.	1872	Piernas, Jos. A., La.	1847	*Rawlins, Sam'l. W., La.	1879
Owen, W. G., La.	1880	Pipkin, J. O. A., Ark.	1869	Ray, Edwin S., S. C.	1861
*Owens, Jas. M., Ark.	1859	Pitts, Albert B., Miss.	1883	Ray, James, La.	1850
*Owens, Jno. A., Ark.	1858	Poellnitz, Benj. B., Ala.	1847	*Ray, John, Tex.	1854
		*Poelman, Peter J., La.	1867	Ray, Wm. H., La.	1888
		Poincy, Edgar, La.	1881	Rayson, Paul M., Tex.	1884
		Poindexter, T. B., La.	1869	Rea, Robt. W., Miss.	1869
		*Pollard, E., Miss.	1851	Read, Henry O., La.	1854
		Pollard, W. J., La.	1886	Read, John B., La.	1846
		Pope, Asa W., Tex.	1882	Reader, F. H., Ark.	1858
		Pope, Irvin, Tex.	1887	Reading, R. H., Tenn.	1845
		*Pope, Marshall, La.	1859	Reames, Chas. W., Miss.	1861

P.

Pace, Jesse M., Tex.	1858
*Packer, R. F., Ala.	1853

Red, I. W., Miss.	1847	Rowlett, Augustus, Miss.	1847	Shamblin, J. Allen, Tex.	1872
Red, Wm. C., Miss.	1851	*Royall, Wm. S., Miss.	1857	Shaw, Hiram D., Tex.	1855
*Redditt, T. H., Miss.	1849	Royston, R. T., Ala.	1851	Shelby, I. A., Miss.	1858
Reed, P. Booker, Ky.	1870	Rucker, Jas. R., Tex.	1875	Shelby, Russell B., Miss.	1847
Reese, A. J., Ala.	1849	Ruff, David E., Tex.	1867	Shelmire, Jesse B., La.	1853
*Reese, James T., Ala.	1859	Rumph, Jas. D., Ala.	1873	Shepard, Ed. T., La.	1867
Reeves, James E., Tex.	1859	Rush, Wm. H., Tex.	1884	Shepard, Frank A., Tex.	1872
*Reid, Robert V., Ga.	1861	Rushing, F. M., Ala.	1861	Sherrard, W. R., La.	1858
*Reilly, John J., La.	1870	Russell, Stephen C., La.	1848	Sherrard, Z. L., La.	1856
Remburt, A. R., Ala.	1838	Rutherford, C. C., Tex.	1881	Sherrer, F. L., Ark.	1860
Remes, Clement, La.	1845	*Rutherford, E. H., Miss.	1867	Shiel, James, La.	1848
Renfro, J. C. B., Tex.	1872	Ryan, Hillary, Tex.	1857	*Shields, Benj., La.	1842
Renshaw, Frank G., Fla.	1879	Ryan, Philip M., La.	1851	Shields, Bisland, Miss.	1860
Renshaw, John B., Tex.	1888	Ryan, William, La.	1875	*Shields, Howell H., Miss.	1856
Rentz, James H., Tex.	1881			*Shields, Robt. B., Miss.	1855
Reuss, J. A., Tex.	1870	S.		Shiff, Hy., La.	1861
Reynauld, Wm., La.	1848	Sabatier, E. F., La.	1853	Shine, W. Francis, Fla.	1858
Reynolds, Wm., Ala.	1850	Sadler, John M., Ark.	1873	Shivers, Offa L., Ala.	1873
Rhodes, D. C., Ala.	1850	Sagrera, Raphael, La.	1869	Sholars, A. B., La.	1861
Rhodes, James G., Tex.	1848	Sale, Eug. P., Miss.	1869	Sholars, Sam'l W., Tex.	1872
Rhodes, Lemuel, La.	1860	Salles, B. J., La.	1852	Shropshire, L. L., Tex.	1858
Rice, Lyman J., Tenn.	1855	*Sallis, J. G., Miss.	1853	Shuford, F. B., N. C.	1847
Richard, W. V., La.	1882	Salmon, E. R., Tex.	1878	Shurley, Jno. A., Tex.	1876
Richards, Jos. L., La.	1870	Salmon, John B., Tex.	1878	Shurtleff, Orlando V.,	
Richardson, Clark, Tex.	1875	Salomon, L. F., La.	1872	Miss.	1855
Richardson, J. C., La.	1857	Sanchez, Pedro, Cuba.	1875	Shultz, Jacob P., La.	1867
Richardson, Jno. A., Tex.	1884	Sandell, W. N., Miss.	1853	Sicard, Hy., La.	1853
*Richardson, L., Miss.	1860	Sanders, A. F., Ark.	1881	*Sigur, Achille, La.	1848
Richardson, Thos. P., La.	1852	Sanders, Jerry, Miss.	1852	Sigur, N. L., La.	1878
*Richardson, W. H., Tex.	1861	*Sandford, J. T., La.	1853	Silliman, Calvin W., Miss.	1859
Richey, Cyrus D., Ohio	1871	Sartor, D. R., Miss.	1872	Silliman, J. M., Tex.	1854
Richmond, Wm. T., La.	1882	Sary, Phil., La.	1883	Silvestre, F. A., La.	1880
Riddell, Geo., Wis.	1848	Sauls, Thos. J., Tex.	1882	*Simeontkoski, A., La.	1836
Riddell, Sanford S., La.	1860	Saunders, James W., La.	1859	*Simmons, S. S., La.	1838
*Riddell, Wm. P., Tex.	1856	Sauvage, R., La.	1879	Simmons, W. D., Ala.	1858
Ridley, F. M., Ga.	1880	Sauvé, Hy. P., La.	1856	Simmons, W. F., Miss.	1874
Riley, Robt. L., La.	1884	Sawyer, Wm. T., Ala.	1860	Simonsaud, J. W., La.	1870
Riley, Wm. H., La.	1861	Scarborough, O., Miss.	1874	*Sims, Jno., Miss.	1857
Riordan, Jno., La.	1871	Schmittle, Julius F., La.	1887	*Sims, W. R., Miss.	1840
*Riu, Saul P., La.	1872	Schultz, Otto M., La.	1887	Singletary, Ben. B., La.	1862
Rivera, Thos. C., La.	1878	*Schultze, A. F., Miss.	1862	Sitman, C. M., La.	1861
Rivers, P. L., Miss.	1883	*Schumacher, F., La.	1867	*Sizemore, P. P., La.	1878
*Roach, Jno., Miss.	1861	Schuppert, Chas. E., La.	1879	*Slay, Sam., Ark.	1868
*Robards, G. W. A., La.	1856	Schwing, S. D., La.	1861	Slaughter, S., Miss.	1851
Robbins, J. H., Ala.	1854	Schwing, S. P., La.	1887	Sloan, Alex. D., La.	1876
Robbins, Sam'l D., Miss.	1876	Scott, A. T., Miss.	1846	*Smalley, Eben. M., La.	1859
Roberts, Albert J., La.	1868	Scott, L. A., La.	1881	Smart, Ed. E., La.	1856
*Roberts, Jno. J., Ala.	1859	Scott, John E., Ala.	1869	Smart, Sam. J., La.	1873
Roberts, Jno. M., Ga.	1881	*Scott, John T., Miss.	1848	Smiley, Ed. E., Tex.	1884
Roberts, Wm. F., La.	1867	Scott, Joseph W., Tex.	1887	Smith, Alex., La.	1854
*Robertson, A. C., Tenn.	1882	*Scott, Wm. P., Miss.	1875	Smith, Bat., Tex.	1874
*Robertson, D. H., Tex.	1850	Scott, Wm. W., Miss.	1876	Smith, C. P., La.	1853
Robertson, Wm. A., La.	1860	Scott, Z. J., Miss.	1859	Smith, C. R., Miss.	1884
Robertson, Wm. F., La.	1860	Scranton, Geo. W., La.	1874	Smith, C. S., Ala.	1850
*Roby, Edwd. P., Miss.	1858	Screven, James B., Ga.	1871	Smith, David J., La.	1859
Roby, Jas. R., Miss.	1861	Scurlock, T. J., Tex.	1862	Smith, E. H., La.	1880
Rogers, Fulton, La.	1871	*Seago, Benj. L., Ga.	1862	Smith, F. M., Ark.	1871
Rogers, G. G., La.	1884	Seale, Robt. L., Ala.	1855	Smith, G. W., Ala.	1867
Rogers, L. S., Miss.	1885	Seale, Wm. F., Tex.	1870	Smith, H. N., Miss.	1851
Rogers, Jno. M., Tex.	1855	Seemann, Chas. L., La.	1885	Smith, Jas. L., Mex.	1853
Romer, F. J. B., Ala.	1836	Sellers, James M., Tex.	1875	*Smith, Jno. D., Ala.	1859
Romer, Wm. B., Ala.	1866	Sellers, Wm., La.	1870	Smith, Jno. P., Ala.	1860
Ross, D. C., Tex.	1878	Semmes, A. F., Miss.	1853	Smith, Jno. R., Tex.	1867
Ross, Jas. S., Ark.	1878	Seiple, E. A., Ala.	1852	*Smith Jos. D. La.	1842
Ross, Jno. W., Tenn.	1868	Settoon, Chas. W., La.	1833	Smith, J. K. P., Tex.	1876
Rossendale, Wm. H., La.	1881	Sexton, F. M., Miss.	1876	*Smith, Martin L., La.	1860
Rowan, Elias A., Miss.	1866	Sexton, Luther, Miss.	1881	Smith, Neal, Miss.	1853
*Rowan, Jas. A., Miss.	1873	*Shackleford, L., Miss.	1858	Smith, N. C., Miss.	1854
*Rowland, L. F., Ark.	1856			Smith, S. O., Miss.	1882

Smith, Sam. P., Ga.	1838	Sullivan, W. T. J., Miss.	1861	Tobin, David L., La.	1854
*Smith, S. W., Miss.	1839	Sutherland, Hugh L., Miss	1873	Tolson, F. R., La.	1882
Smith, Web., La.	1884	*Sutton, James E., Tex.	1855	Touchstone, D., Miss.	1881
Smith, W. A., Miss.	1854	Swann, Alf. R., Tex.	1885	Towsley, Wm. Hy., La.	1888
Smith, Wm. C., La.	1867	*Sykes, W. S., Miss.	1877	Trabue, Wm. C., La.	1860
*Smith, Wm. D., La.	1849	Szabary, L., La.	1877	Trahan, Jno. D., La.	1867
Smith, Wm. Gee., La.	1888			*Traweck, C., Miss.	1836
Smith, Wm. J., La.	1881			*Traylor, F. M., La.	1859
Smith, Wiley P., Miss.	1859			Traylor, H. W., La.	1872
Smyth, A. W., La.	1859	Tackett, Jno. P., Miss.	1871	*Trent, Jos. H., La.	1870
Smyth, James S., Miss.	1854	Talbert, Jno. D., Miss.	1872	*Tucker, C. C., Tenn.	1858
Smythe, Jeff. D., Miss.	1888	*Talbert, Jas. W., Miss.	1859	Tucker, D. H., La.	1888
Sneed, Jno. A., Tex.	1879	Talbott, M., Ky.	1854	Tucker, Francis H., Tex.	1870
Sneed, Wm. N., Tex.	1870	*Taney, Frank L., La.	1853	Tucker, Hal. S., Miss.	1887
Snider, T. A., Miss.	1848	Tarleton, Chas. L., La.	1859	Turner, David B., Miss.	1859
*Snodgrass, H. C., Miss.	1855	Tarleton, Leo C., La.	1880	Turner, R. G., Tex.	1860
Snow, Hy., Ala.	1859	Tarleton, M. B., La.	1886	Turpin, S. W., Miss.	1861
Snow, Hy. J., Tex.	1857	Tarver, Chas., Mex.	1869	Turpin, Thos. J., La.	1871
Snow, Wm. H., Tex.	1880	Taylor, Ezekiel, Ga.	1888	Tyson, Winton L., Ala.	1869
Souchon, E., La.	1867	*Taylor, Jno., Md.	1858		
South, C. A., Tex.	1869	Taylor, Jno. R., Tex.	1870		
Southall, J. A., Va.	1861	Taylor, Peter, Miss.	1859		
Sparkman, A. P., Miss.	1861	Taylor, T. Bell, Tex.	1886		
Sparkman, Jno. T., Tex.	1881	*Tate, Rice B., Miss.	1857		
Spears, J. B., Miss.	1859	*Tate, U. O., Miss.	1860		
Spence, O. H., Miss.	1866	Tebault, A. G., Ga.	1859		
Spencer, A. J., Tex.	1862	Tebault, C. H., La.	1862		
Spencer, D. McC., Tenn.	1857	Tebo, L. C., La.	1878		
Spencer, W. T., La.	1861	Terrell, James C., Miss.	1878		
Spinks, J. Clark, Miss.	1857	Terrell, James D., Miss.	1856		
*Sprague, W. H., La.	1860	Terrell, Jasper D., Miss.	1870		
Springfield, B. R., La.	1857	Teunisson, G. A., Miss.	1884		
*Squires, W. H., La.	1877	*Thach, Chas. F., Ala.	1857		
Stanley, W. B., La.	1867	Thetford, Wm. F., Ala.	1867		
Statham, W. H., Miss.	1860	Theus, E. P., La.	1866		
Steedman, J. G. W., Mo.	1859	*Thibaut, A., La.	1853		
Steinau, Hy., La.	1877	Thibaut, Jno. S., La.	1888		
Stell, W. McK., Tex.	1886	Thibodaux, O. J., La.	1887		
Stennis, S. D., Miss.	1872	Thigpen, Chas. A., Ala.	1888		
Stephens, G. M., Tex.	1886	Thigpen, Elijah, La.	1858		
Stephens, J. S., Tex.	1859	Thomas, F. M., La.	1857		
Stephens, J. S., La.	1885	Thomas, Jno. N., La.	1886		
Steubinger, H., La.	1849	Thomas, Peyre, Tex.	1869		
Stevens, Jos., Tex.	1859	Thompson, Wm. A., Ala.	1851		
Stevens, J. K., Miss.	1846	Thompson, A. E., Miss.	1856		
Stevens, L., Miss.	1861	Thompson, B. L., La.	1884		
Stevens, R. K., Miss.	1860	Thompson, Cyrus, N. C.	1878		
*Stevenson, C., Tex.	1855	*Thompson, C. C., Tex.	1852		
*Stewart, A. C., La.	1851	Thompson, E. B., Ala.	1868		
Stewart, C. S., La.	1884	Thompson, H. H., Tex.	1861		
Stewart, J. A., Ark.	1878	Thompson, Jos. W., Ala.	1860		
Stewart, J. R., Ala.	1858	Thompson, Pat. H., Ga.	1878		
Stewart, Jno. A., La.	1860	Thompson, R. F., Ala.	1858		
Stewart, Jno. B., La.	1878	Thompson, R. W., Tex.	1863		
Stewart, R. A., La.	1859	Thompson, W. H., La.	1884		
*Stewart, Wm., Miss.	1855	Thompson, W. M., La.	1872		
Stickney, Jno. C., La.	1861	Thoms, Robt. W., Miss.	1862		
*Stirling, R. G., La.	1851	Thomson, J. M., Miss.	1855		
*Stone, Warren La.	1867	Thornhill, F. M., La.	1872		
Stovall, W. R., Miss.	1878	Thornton, Wm. G., Tex.	1849		
Stringer, Sheldon, Fla.	1859	*Tilford, R. H., La.	1882		
Stringfield, David H., La.	1861	Tillinghast, E. L., La.	1861		
Strother, Tobias C., Ala.	1869	Tinker, Robt. S., Miss.	1877		
Stroud, J. H., La.	1860	Tipton, Frank, Ala.	1870		
*Stuart, Jos. F., Tex.	1869	Tircuit, Adolphe, La.	1878		
Sturdevant, J. K., La.	1880	Tircuit, Felix, La.	1878		
Sturdivant, M. K., Tex.	1870	Tircuit, Pierre C., La.	1869		
Styles, Thos. W., Tex.	1883	Tobin, Chas. P., Ark.	1879		
Sullivan, L. R., Ala.	1852	Todd, Chas. H., Ky.	1861		

T.	
Tackett, Jno. P., Miss.	1871
Talbert, Jno. D., Miss.	1872
*Talbert, Jas. W., Miss.	1859
Talbott, M., Ky.	1854
*Taney, Frank L., La.	1853
Tarleton, Chas. L., La.	1859
Tarleton, Leo C., La.	1880
Tarleton, M. B., La.	1886
Tarver, Chas., Mex.	1869
Taylor, Ezekiel, Ga.	1888
*Taylor, Jno., Md.	1858
Taylor, Jno. R., Tex.	1870
Taylor, Peter, Miss.	1859
Taylor, T. Bell, Tex.	1886
*Tate, Rice B., Miss.	1857
*Tate, U. O., Miss.	1860
Tebault, A. G., Ga.	1859
Tebault, C. H., La.	1862
Tebo, L. C., La.	1878
Terrell, James C., Miss.	1878
Terrell, James D., Miss.	1856
Terrell, Jasper D., Miss.	1870
Teunisson, G. A., Miss.	1884
*Thach, Chas. F., Ala.	1857
Thetford, Wm. F., Ala.	1867
Theus, E. P., La.	1866
*Thibaut, A., La.	1853
Thibaut, Jno. S., La.	1888
Thibodaux, O. J., La.	1887
Thigpen, Chas. A., Ala.	1888
Thigpen, Elijah, La.	1858
Thomas, F. M., La.	1857
Thomas, Jno. N., La.	1886
Thomas, Peyre, Tex.	1869
Thompson, Wm. A., Ala.	1851
Thompson, A. E., Miss.	1856
Thompson, B. L., La.	1884
Thompson, Cyrus, N. C.	1878
*Thompson, C. C., Tex.	1852
Thompson, E. B., Ala.	1868
Thompson, H. H., Tex.	1861
Thompson, Jos. W., Ala.	1860
Thompson, Pat. H., Ga.	1878
Thompson, R. F., Ala.	1858
Thompson, R. W., Tex.	1863
Thompson, W. H., La.	1884
Thompson, W. M., La.	1872
Thoms, Robt. W., Miss.	1862
Thomson, J. M., Miss.	1855
Thornhill, F. M., La.	1872
Thornton, Wm. G., Tex.	1849
*Tilford, R. H., La.	1882
Tillinghast, E. L., La.	1861
Tinker, Robt. S., Miss.	1877
Tipton, Frank, Ala.	1870
Tircuit, Adolphe, La.	1878
Tircuit, Felix, La.	1878
Tircuit, Pierre C., La.	1869
Tobin, Chas. P., Ark.	1879
Todd, Chas. H., Ky.	1861

U.	
Underhill, G. B., La.	1881
Urwitz, Max, La.	1881

V.	
Valentine, Philo G., Ky.	1861
*Vance, Gilbert S., La.	1849
*Vance, Wm. D., La.	1879
Vandegriffe, Jno. B., La.	1846
Vandegrift, W. F., Ala.	1880
Van Horn, Wm. L., La.,	1879
Vann, Jas. B., Ala.	1861
Van Zandt, I. L., Tex.	1866
Varnar, Alonzo H., Ark.	1861
Vaughan, Sam'l F., Tex.	1869
Vaughan, Wm. R., Tex.	1885
Vaughan, Z. E., La.	1876
Veazie Hy. A., La.	1876
Vernon, T. W., S. C.	1887
Villaverde, A. G., Cuba,	1878
Vines, Geo. W., Ala.	1872
Vining, Peyton W., Tex.	1860
Vinson, Jno. A., Tex.	1861
Vittum, W. H., Wis.	1875
Vives, Numa, La.	1885

W.	
Waddell, A. P., Tenn.	1858
*Wade Henry F., La.	1859
Wagley, Jno. L., La.	1860
Wagley, Thos. J., Tex.	1878
Walker, C., C. Tex.	1866
*Walker, E. M. Tex.	1854
Walker, E. T., Tex.	1882
*Walker, Geo. H., Tex.	1858
Walker, Jno. C., Ark.	1869
Walker, Jno. D., Miss.	1884
Walker, Robt. R., Tex.	1885
Walker Samuel, La.,	1866
Walker, Tandy A., Miss.	1861
Walker, Wm. H., La.,	1861
Walker, Wm. W. Tex.	1871
Wall, A. A., La.,	1854
Wall, Alex. E., Miss.	1861
Wall, Jas. Thos., Tex.	1871
*Wall, Thos. T., La.	1862

Walmsley, Robt. W. La.	1881	Whitehead, N. E., Miss.	1867	*Witherington, G. L., Ala.	1861
Walsh, Jas., Tex.	1861	Whitehead, R. E., Tex.	1882	Witt, Jas. M., Tex.	1885
Walton, E. W., Tex.	1878	Whiteman, M. McD., La.	1857	Witt, Jos. H., Tex.	1885
Walton Wm. A., Ala.	1859	Whitfield, A. J., Miss.	1882	*Wood, Robt., Miss.	1855
Wands, E. J., Tex.	1884	Whitfield, B. H., Miss.	1867	Wood, Sandford, Ky.	1857
Ward, David C., Va.	1848	*Whitney, P. D., Miss.	1878	*Woodruff, Z. T., Miss.	1870
Warren, B. B., La.	1882	Whitted, L., Ala.	1844	Woods, A. Van., La.	1856
Warren, Dan'l. C., Miss.	1876	Whitworth, W. T., La.	1877	Woods, Thos. O., La.	1869
Washington, C. D., Tex.	1880	Whyte, R. D., La.	1858	Woodward, Gideon, La.	1848
Waters, Hy. W., Tex.	1855	Whyte, R. L., La.	1872	Woolf, Thos. J., La.	1878
Watkins, Benj. D., Miss.	1887	Wickliffe, T. H., Ky.	1866	Woolverton, A. V., Miss.	1854
Watkins, H. A. J., Miss.	1888	Wier, Jas. B., Miss.	1857	Wooten, R. H., Tenn.	1859
Watkins, J. E., Tex.	1885	Wilcox, Chas. K., Tex.	1875	Word, Thos., Miss.	1861
Watkins, Jno. M., La.	1875	Wilcox, W., La.	1837	Worley, J. G., Miss.	1887
Watkins, J. Marion, Ala.	1871	Wilkes, W. W., Tex.	1884	Worthington, Union, Ky.	1886
Watkins, M. H., Miss.	1856	Wilkinson, C. P., La.	1874	Worthy, J. D., La.	1855
Watkins, R. Allen, Tex.	1866	Wilkinson, J. E., Ala.	1869	Worthy, Wm. G., La.	1862
Watkins, Wm. A., Tex.	1873	Williams, Ed. M., Ark.	1869	Wray, Jos. Jas., Tex.	1888
Watkins, Wm. B., Ala.	1872	Williams, Hy. E., Ark.	1896	Wright, Edwin, Miss.	1886
Watkins, Wm. H., La.	1868	Williams, Hugh B., Ark.	1884	Wright, Jas. A., Ia.	1879
Watkins, Wm. W., Miss.	1872	Williams, Isaac A., La.	1848	*Wright, Jas. W., Miss.	1860
Watson, B. W., Ala.	1886	Williams, Jeff D., Miss.	1874	Wright, M. O., Tex.	1886
Watson, Chas. M., Ala.	1881	Williams, Melvin E., La.	1861	Wright, P. H., Ala.	1860
Watson, Jas. R., Miss.	1870	Williams, N. W., Miss.	1875	Wright, R. F., Ga.	1870
Watson, Jos. H., Miss.	1876	Williams, O. L., Tex.	1872	Wright, Wm. G., Ark.	1850
Watson, Wm. J., Ala.	1855	Williams, R. G., Tex.	1870	Wroten, B. W., Miss.	1853
*Weatherly, J. R., La.	1852	Williams, T. E., Miss.	1875	Wunderlich, Wm., La.	1881
*Weathersby, W., Miss.	1860	Williams, W. C., Miss.	1837	Wyche, Geo., Tex.	1860
Weathersby, W. C., Miss.	1883	Williams, W. T., Miss.	1862	*Wyche, Philip, Tex.	1855
*Webb, L. A., La.	1847	*Williams, Wm. H., La.	1847	Wysong, Jas. H., Tex.	1886
Webb, J. T., Miss.	1850	Williams, W. H., Miss.	1867		
*Webb, Jr., W. T., Ala.	1867	Williams, Wm. T., La.	1882		
Weissinger, W. S., Miss.	1871	Williamson, C. H., La.	1854		
Wells, E. H., Tex.	1868	Williamson, J. N., Tex.	1879		
Wells, W. W., Tex.	1867	Williamson, J. J., Tex.	1876		
Wellwood, J. M., Can.	1887	*Willis, Oswald R., La.	1861		
Werms, M. L., Tex.	1852	Willson, Jno. N., Ark.	1883		
West, Benj. F., Miss.	1867	Wilson, E. L., Ark.	1833		
*Westmore, W. G., La.	1866	Wilson, F. E., La.	1850		
Whatley, J. S., Tex.	1880	Wilson, Hall, Tex.	1883		
Whelan, Chas., Ala.	1866	Wilson, Isham G., Ala.	1868		
*Whicher, F., La.	1856	Wilson, Jas. D., La.	1857		
*Whicher, P. V., La.	1851	Wilson, Jas. D., Wis.	1883		
Whitaker, I. R., Miss.	1858	Wilson, Jas. H., Tex.	1871		
Whitaker, Jno., Tex.	1869	Wilson, Jno. E., Tex.	1882		
Whitaker, J. B., La.	1861	Wilson, Jos. E., La.	1862		
*White, C. B., La.	1852	Wimbish, J. W., La.	1869		
White, Jno. A., Tex.	1853	Winchester, S., Miss.	1882		
White, M. B., Ga.	1861	*Wingate, J. W., Miss.	1859		
White, S. J., Tex.	1885	*Winn, Wm. H., La.	1848		
White, Wm., Tenn.	1873	Wise, Braxton, La.	1883		
White, W. H., La.	1855	Wise, Geo. A., La.	1876		
White, W. H., Miss.	1878	Wisinger, Jno. A. Ala.	1876		

*Deceased.

Y.

Yater, Wm. M., Tex.	1855
Yates, Alexander, Miss.	1857
Yeates, Edmund D., Miss.	1870
Young, Chas. H., La.	1874
Young, E. A. S., La.	1886
Young, Edmund R., Tex.	1871
Young, Francis D., La.	1856
Young, F. F., La.	1884
Young, Jas. A., Miss.	1880
Young, I. T., La.	1878
Young, Jno. W., Miss.	1869
Young, Nicholas D., La.	1867
*Young, Thos. R., Miss.	1874
Young, Zachary T., La.	1872
Youngblood, Sam'l J., La.	1858
Youngkin, Jno. A., Tex.	1876
Youngkin, J. S., Tex.	1883

175 GRADUATES IN PHARMACY, 1834 to 1889.

Abbott, Louis L., La.	1887	Godbold, F. C., La.	1871	Otto, J. S. J., La.	1884
†Aikman, Wm. H., La.	1879	Goesling, Jno., La.	1888	Parmelee, Jas. M., La.	1880
†Albers, David P., La.	1880	Goldman, Hy., La.	1850	Paulsen, H. C., La.	1875
Aleix, Edw., La.	1855	†Gosewisch, W. R., Cal.	1888	Piton, H. A. La.	1886
Anfoux, O., La.	1853	†Graner, E. J., La.	1883	Poncé, F. M., Cuba.	1876
Backes, G. A., La.	1881	Greff, Hy., La.	1876	Price, Hy. C., La.	1882
Barthe, P., La.	1878	Greve, F. O., La.	1878	Primo, Jos. E., La.	1888
Barthet, Leon, La.	1885	Greve, Wm., La.	1879	Pretus, P. J., La.	1886
Behrend, Jno., La.	1879	Griffo, Ant., La.	1874	Puech, N. A., La.	1880
Behrend, P. J., La.	1886	†Grosart, M. F., La.	1874	Richards, A. E., La.	1852
†Beret, A. F., La.	1881	Grube, Otto, La.	1874	Rivet, J. H. C., La.	1881
Bergé, Philip, La.	1882	Gruneberg, F. H., La.	1886	Roeling, Hy., La.	1881
Berger, Otto, La.	1880	Guell, Jno., La.	1882	Root, Jas. A., La.	1871
Berlin, Hy., La.	1879	*Hare, Wm., La.	1849	Roux, N. P., La.	1888
Bermudez, J. A., La.	1883	†Hart, G. H. J., La.	1876	†Ryan, Wm., La.	1874
†Bickham, W. S., La.	1887	†Hart, J. H. B., La.	1886	Sahuqué, E. F., La.	1885
†Bienvenu, D., La.	1870	Hastings, Jas. R., La.	1868	†Salmon, E. R., Tex.	1878
Blanchard, P. L., La.	1874	†Hava, Adrian, La.	1883	Samson, Max, La.	1882
Bogel, Edw. J., La.	1885	Hiriart, S., La.	1869	Sauter, Emile, La.	1874
†Bornio, D., La.	1879	†Jones, Ed. W., La.	1876	Sauter, Emile, La.	1886
Bradburn, W. P., La.	1880	Kearny, F. J., La.	1883	Schuman, Phil. La.	1880
Brand, Erich, La.	1871	Kelly, Ed. S., La.	1887	Schumann, G. W., La.	1884
Breslin, M. T., La.	1879	Koch, Julius, La.	1879	Seeliger, R. P., La.	1887
Brooks, O. D., La.	1873	Kramer, Aug., La.	1884	†Seemann, C. M., La.	1882
Brown, Geo. S., La.	1887	Landry, F. T., La.	1861	Serres, Jean, La.	1889
Caillier, Jos. A., La.	1880	LaNeuvillie, J. A., La.	1860	Seybold, Chas., La.	1884
Capdau, P. M., La.	1882	Laplace, Alb. J., La.	1881	Shafer, Jos., La.	1877
Carrouché, I., La.	1878	Laplace, B., La.	1850	Siekman, I. F., La.	1881
†Clark, Eug., La.	1883	Lavigne, B., La.	1879	Storck, J. A., La.	1887
Claussen, Jno., La.	1876	Lavigne, Jno. B., La.	1877	Stumpf, Ed., La.	1873
†Claverie, Jno. A., La.	1883	Lecher, Jno. J., La.	1882	Stumpf, Geo., La.	1872
*†Courrégé, S., La.	1879	Legendre, Jos. A., La.	1888	Stumpf, Hy., La.	1873
Crouéré, Paul, La.	1887	Leicher, Aug., La.	1859	Stumpf, Jno., La.	1876
Dannemann, Hy. La.	1886	LeRoy, G., La.	1861	†Tebo, L. C., La.	1878
*Darling, Jos., Miss.	1885	Lewis, Ben, La.	1873	Théard, L. R., La.	1876
Davis, E. A., La.	1844	Lynch, T. J., La.	1888	Thiele, Hy. L., La.	1886
†DeGrange, Jos. T., La.	1883	†McCutcheon, P. B., La.	1877	Thornton, E. A., La.	1867
DeMonsabert, A. C. La.	1881	McDuff, G. W., La.	1884	Thron, D. M., La.	1886
DeSayus, L. A., La.	1880	McNulty, Geo., La.	1879	Thuem, Robt., La.	1879
Desporte, Chas., La.	1880	Mailhes, Jno. A., La.	1878	†Tilford, R. H., La.	1880
Deville, E., La.	1883	Majeau, M., La.	1874	Turney, Fred, La.	1886
†Diebold, C. B., La.	1884	Malochée, P. H., La.	1888	Turpin, Hy. E., La.	1877
Diez, Leon, La.	1882	Malter, J. M., La.	1879	Tusson, G. J., La.	1887
†Duffel, L. E., La.	1880	Mathieu, Jno. H., La.	1885	†Vanriorn, Wm. L. La.	1879
Duringer, L., La.	1875	†Mattingly, A. R., La.	1878	Viladevall, J. E., La.	1884
*Espinola, C., Yuc.	1853	Mattingly, Geo. J., La.	1874	VonGohren, Oscar, La.	1877
Evans, Thos. L., La.	1881	May, Eugene, La.	1880	Wagner, Jos., La.	1883
*†Fairbanks, C. M., Fla.	1880	Melchert, Chas., La.	1872	Walker, J. David, La.	1887
Fernandez, F. F., La.	1887	Mercier, M., La.	1881	Weeks, Sam'l C., La.	1888
Field, Albt. S., La.	1885	Mertz, L. J., La.	1884	Wilder, Wm., La.	1848
Finlay, Alex. K., La.	1874	Métréaud, F. M., La.	1880	†Williamson, J. N., Tex.	1879
Florat, Jules A., La.	1849	Metz, L. S., La.	1878	Wise, Isaac, La.	1873
†Forchhammer, O., La.	1873	Meyer, Ferd., La.	1857	Wolfe, L. A. W. S., La.	1851
†Forsythe, A. A., La.	1887	†Moss, A. H., La.	1879	Wright, Chas., La.	1879
Fortier, St. Mark, La.	1887	Muse, G. B., La.	1883	Wunderlich, Edw., La.	1887
Fuerstenberg, Jos., La.	1883	Neumeyer, J. H. C., La.	1879	Wunderlich, Emile, La.	1874
Gaudet, C. U., La.	1868	Noha, Adolphe, La.	1886	†Wunderlich, Wm., La.	1880
Gehlbach, Chas., La.	1879	Nothacker, Wm., La.	1885		
Gesner, Hy. C., La.	1880	Otto, J. N. W., La.	1878		

†Graduates in pharmacy who are also graduates in medicine.

Professors, Instructors, and number of Matriculates and Graduates, for every year since 1834.

(N. B. The Sessions of 1884-5, 1870-1, etc., are designated by 1885, 1871, etc.)

1	2	3	4	5	6
Prof. Surgerv.	Prof. Theory and Prac- tice of Medicine.	Prof. Obstetrics and Dis- eases of Women and Children.	Prof. Materia Medica, Therapeutics and Hygiene.	Prof. Chemistry.	Prof. Physiology and Pathological Anatomy.
1835 CHAS. A. LUZENBERG	J. MONRO MACKIE	AUG. H. CENAS	ED. H. BARTON	THOS. R. INCALLS	THOS. HUNT
1836 CHAS. A. LUZENBERG	ED. H. BARTON	INCALLS-JONES	J. MONRO MACKIE	WM. BYRD POWELL	JNO. H. HARRISON
1837 LUZENBERG-STONE	"	JAMES JONES	"	JNO. L. RIDDELL	"
1838 WARREN STONE	"	"	"	"	"
1839 " " " "	"	"	HARRISON & RIDDELL	"	"
1840 " " " "	JAMES JONES	"	ED. H. BARTON	"	"
1841 " " " "	"	"	S. W. RUFF	"	"
1842 " " " "	"	"	WM. M. CARPENTER	"	"
1843 " " " "	"	"	"	"	"
1844 " " " "	"	"	"	"	"
1845 " " " "	"	"	"	"	"
1846 " " " "	"	"	"	"	"
1847 " " " "	"	"	"	"	"
1848 " " " "	"	"	"	"	"
1849 " " " "	"	"	"	"	"
1850 " " " "	"	"	GUSTAVUS A. NOTT	"	"
1851 " " " "	"	"	"	"	THOS. HUNT
1852 " " " "	"	"	"	"	"
1853 " " " "	"	"	"	"	"
1854 " " " "	"	"	"	"	"
1855 " " " "	"	"	"	"	"
1856 " " " "	"	"	"	"	"
1857 " " " "	"	"	"	"	"
1858 " " " "	"	"	"	"	"
1859 " " " "	"	"	"	"	"
1860 " " " "	"	"	"	"	"
1861 " " " "	"	"	"	"	"
1862 " " " "	"	"	"	"	"
1863 } ...NO SESSIONS...	...NO SESSIONS...	...NO SESSIONS...	...NO SESSIONS...	...NO SESSIONS...	...NO SESSIONS...
1864 } ...NO SESSIONS...	...NO SESSIONS...	...NO SESSIONS...	...NO SESSIONS...	...NO SESSIONS...	...NO SESSIONS...
1865 } ...NO SESSIONS...	...NO SESSIONS...	...NO SESSIONS...	...NO SESSIONS...	...NO SESSIONS...	...NO SESSIONS...
1866 WARREN STONE	JAMES JONES	AUG. H. CENAS	GUSTAV. A. NOTT	JNO. W. MALLET	THOS. HUNT
1867 " " " "	SAM'L M. BEMISS	JAMES JONES	"	"	"
1868 " " " "	"	"	FRANK HAWTHORN	"	"
1869 " " " "	"	"	"	JOSEPH JONES	S. E. CHAILLE
1870 " " " "	"	"	"	"	"
1871 " " " "	"	"	"	"	"
1872 " " " "	"	"	"	"	"
1873 T. G. RICHARDSON	"	"	"	"	"
1874 " " " "	"	"	"	"	"

1875	T. G. RICHARDSON	SAM'L M. BEMISS	F. HAWTHORN	E. S. LEWIS	JOSEPH JONES	S. E. CHAILLÉ	1875
1876	"	"	"	"	"	"	1876
1877	"	"	"	"	"	"	1877
1878	"	"	"	"	"	"	1878
1879	"	"	"	"	"	"	1879
1880	"	"	"	"	"	"	1880
1881	"	"	"	"	"	"	1881
1882	"	"	"	"	"	"	1882
1883	"	"	"	"	"	"	1883
1884	"	"	"	"	"	"	1884
1885	"	"	"	"	"	"	1885
1886	"	"	"	"	"	"	1886
1887	"	"	"	"	"	"	1887
1888	"	"	"	"	"	"	1888

Professors, Instructors, and number of Matriculates and Graduates, for every year since 1834.
(N. B. The Sessions of 1834-5, 1870-1, etc., are designated by 1835, 1871, etc.)

7 Prof. Anatomy.	DEANS.	Demonstrator of Anatomy.	Lecturers, Etc.	No. of Students.	No. of Alumni.			
					M. D.	H. M. D.	M. PH.	Total.
1835	JNO. H. HARRISON, "Adjct."	PROF. THOS. HUNT	WARREN STONE	11	12	2	...	14
1836	WARREN STONE	PROF. C. A. LUZENBERG	NONE	16	...	...	...	16
1837	"	PROF. ED. H. BARTON	W. WILCOX	22	8	...	...	8
1838	"	"	"	26	9	...	...	9
1839	"	"	"	27	7	1	1	9
1840	GUSTAV A. NOTT	"	GEORGE MORGAN	22	2	...	...	2
1841	"	PROF. J. H. HARRISON	V. A. DROUILLARD	26	9	...	...	9
1842	JNO. H. HARRISON	PROF. JAS. JONES	NONE	34	10	...	...	10
1843	A. J. WEDDERBURN	PROF. J. H. HARRISON	J. F. EUSTIS	38	6	...	...	6
1844	"	"	"	65	13	...	...	13
1845	"	PROF. A. H. CENAS	Y. R. LEMONNIER	93	15	1	...	16
1846	"	PROF. W. M. CARPENTER	"	100	19	...	...	19
1847	"	PROF. A. J. WEDDERBURN	"	168	29	...	...	29
1848	"	"	"	163	30	...	...	31
1849	"	PROF. JAS. JONES	"	140	28	...	...	30
1850	"	PROF. G. A. NOTT	"	175	35	...	...	37
1851	"	"	"	188	40	...	...	42
1852	"	"	"	186	43	...	...	44
1853	"	PROF. THOS. HUNT	BEARD & CHOPPIN	218	70	...	...	72
1854	"	"	"	190	52	...	...	52
1855	"	"	"	223	54	...	...	55
1856	"	"	"	223	67	...	...	67
1857	J. C. P. WEDDERSTRANDT	"	GILBT. S. VANCE	258	64	65
1858	JOSIAH C. NOTT	"	"	276	68	68
Total to 1858				2886	680	4	74	708

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TULANE UNIVERSITY

OF

LOUISIANA.

1889-'90.

NEW ORLEANS, LA.

TULANE UNIVERSITY

OF

LOUISIANA.

CATALOGUE, 1888-'89.

High School, College, University,

Law and Medical Departments,

AND

H. Sophie Newcomb Memorial College for Women.

ANNOUNCEMENT FOR 1889-'90.

NEW ORLEANS:

1889.

CALENDAR

SESSION OF 1889—1890.

1889.

MONDAY, SEPTEMBER 30.....Entrance Examination for College, High School, and H. Sophie Newcomb Memorial College.

TUESDAY, OCTOBER 1... ..Opening of College, High School, and H. Sophie Newcomb Memorial College.

MONDAY, OCTOBER 21.....Department of Medicine opens.

SATURDAY, NOVEMBER 2.....Free Drawing Classes begin.

MONDAY, NOVEMBER 18.. ..Department of Law opens.

THURSDAY, DECEMBER 5.....Second Quarter begins.

TUESDAY, DECEMBER 24.....Christmas Holidays begin.

1890.

THURSDAY, JANUARY 2.....Studies resumed in College, High School, and H. Sophie Newcomb Memorial College

MONDAY, FEBRUARY 10.....Third Quarter begins.

WEDNESDAY, APRIL 2. . . .Commencement of the Medical Department

THURSDAY, APRIL 17.....Fourth Quarter begins.

....., MAYCommencement of the Law Department.

SATURDAY, MAY 17.....Free Drawing Classes closed.

TUESDAY, JUNE 17.....Commencement of the H. Sophie Newcomb Memorial College.

WEDNESDAY, JUNE 18Commencement of the High School.

THURSDAY, JUNE 19.....Commencement of the College.

BOARD OF ADMINISTRATORS.

RANDALL LEE GIBSON (U. S. Senator).

CHARLES ERASMUS FENNER.

Associate Justice Supreme Court of Louisiana.

JAMES McCONNELL,

TOBIAS GIBSON RICHARDSON, M. D.,

EDWARD DOUGLAS WHITE (U. S. Senator elect),

EDGAR HOWARD FARRAR,

PASCHAL NEILSON STRONG,

BENJAMIN M. PALMER, D. D., LL. D.,

SAMUEL HORTON KENNEDY,

WALTER ROBINSON STAUFFER,

CARTWRIGHT EUSTIS,

HENRY GINDER,

JOHN TIMMONS HARDIE,

ROBERT MILLER WALMSLEY,

RT. REV. JOHN N. GALLEHER,

JOSEPH C. MORRIS,

CHARLES M. WHITNEY.

EX-OFFICIO.

HON. FRANCIS T. NICHOLLS, Governor of Louisiana.

HON. JOSEPH A. SHAKSPEARE, Mayor of New Orleans.

HON. JOSEPH A. BREAUX, State Supt. Public Education.

BOARD OF ADMINISTRATORS.**OFFICERS AND COMMITTEES.**

RANDALL LEE GIBSON,	-	-	President.
CHAS. E. FENNER,	-	-	First Vice-President.
JAS. McCONNELL,	-	-	Second " "
P. N. STRONG,	-	-	Sec'y and Treasurer.

COMMITTEE ON FINANCE AND ACCOUNTS.R. M. WALMSLEY, *Chairman.*

SAMUEL H. KENNEDY,	JOHN T. HARDIE,
CHARLES M. WHITNEY,	JOSEPH C. MORRIS.

COMMITTEE ON REAL ESTATE.CARTWRIGHT EUSTIS, *Chairman.*

HENRY GINDER,	W. R. STAUFFER,
R. M. WALMSLEY,	P. N. STRONG.

COMMITTEE ON EDUCATION.CHAS. E. FENNER, *Chairman.*

JAMES McCONNELL,	T. G. RICHARDSON, M. D.,
E. D. WHITE,	E. H. FARRAR,
CARTWRIGHT EUSTIS,	B. M. PALMER, D. D., LL. D.,
RT. REV. J. N. GALLEHER,	H. GINDER.

COMMITTEE ON RULES.HENRY GINDER, *Chairman.*

W. R. STAUFFER,	CHAS. E. FENNER.
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COMMITTEE ON LAW.JAS. McCONNELL, *Chairman.*

E. D. WHITE,	E. H. FARRAR.
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OFFICERS OF THE UNIVERSITY.

WM. PRESTON JOHNSTON, LL. D.,	-	President,
WM. O. ROGERS,	-	Secretary and Librarian.
CHARLES G. GILL. Ph. D.	-	Librarian.

TULANE UNIVERSITY.

HISTORICAL STATEMENT.

The Tulane University of Louisiana, founded upon an endowment of the late Paul Tulane, was established by law by Act No. 43 of the session of 1884, which was ratified by a constitutional amendment April 17, 1888. By virtue of this legislation the administrators of the Tulane Educational Fund became administrators in perpetuity of the University of Louisiana, agreeing to devote their income to its development, and to establish thereon the Tulane University of Louisiana.

The Medical Department, established in 1834, will in October, 1889, enter upon its fifty-sixth year. It has attained the greatest prestige throughout the Southern States, not only for the ability and distinction of its professors, but for its unsurpassed means of teaching. It has the great Charity Hospital, with its seven hundred beds and six thousand patients annually, as its school of practical instruction. During this period it has matriculated 8913 students, and conferred diplomas on 2407 graduates in medicine and 189 graduates in pharmacy.

The Administrators of the Charity Hospital elect every year fourteen resident students, who are maintained by the institution. Vacancies are filled by competitive examination.

The Law Department was organized in 1847. It has numbered among its professors the most distinguished lawyers of the State, and a chair in its faculty is esteemed one of the highest honors open to the profession in Louisiana. The civil law is taught here, as the basis of the whole legal superstructure and machinery of the State, and as the foundation of its civil code and jurisdiction.

This Department has been reorganized and greatly enlarged during the past year. The Hon. Randell Hunt, LL. D., who has for forty years honored the University by his eloquence and wisdom, has retired to the enjoyment of a ripe old age. The eminent Dean, the Hon. Wm. F. Mellen, died about the same time. The Department has been put upon a new footing with five professors, besides the voluntary assistance of distinguished lecturers.

The Academical Department of the University of Louisiana was opened in the autumn of 1878. It received an annuity of \$10,000 from the State, and met with excellent success for its limited means until absorbed by the Tulane University.

Col. Wm. Preston Johnston was elected President in January, 1883, and authorized to organize an institution of learning under the terms of Mr. Tulane's donation. The acquisition of the University of Louisiana, with its franchises and valuable buildings, gave practical shape to the purposes of the Tulane Board, and supplied the foundation on which to establish Tulane University. It has now fourteen chairs in the University proper, and a High School* Faculty, which, with its head-master, has twenty-one professors, assistant professors and instructors. The collection of physical apparatus is quite extensive and of very high grade. The teaching is in great part by laboratory work, and the apparatus is better adapted to this method of instruction than any in the South. A practical course in electrical engineering has been pursued during the past year with marked success, and has led to a fuller development of the courses in engineering. A complete electrical plant of the Edison system has been erected by the students, and is in use for the solution of the many practical questions that arise in electrical engineering. The chemical laboratories have been carefully fitted up and are now in a fair state of efficiency, and it is hoped that the industries of the State, through the influence of work done here, will be improved.

The line between university work and collegiate or academic work is sharply drawn. The former is elective and of the most advanced character. The latter is embraced in a series of equivalent curricula extending through seven years, three in the high school and four in the college, all leading to baccalaureate degrees, with or without distinction, according to attainment.

A manual training school has been established. It is considered as the workshop or laboratory of the High School for technical training, but students of Tulane College are admitted to it on easy conditions. It is not intended to teach trades to young men, but to make them experts in the principles and handicraft of wood-working, iron and metal-working and machine construction. The appliances are as nearly perfect and the scheme of instruction as thorough as in any institution in the United States. The effort will be made to dignify and elevate labor without interfering with more abstract pursuits. No revolution in education is aimed at, but rather moral expansion and development, through the cultivation of recognized and valuable mental and physical functions and activities; the whole system constituting a rounded and harmonious evolution of the student as man and citizen.

The libraries of the University, besides the State library of twenty-six thousand volumes, contain about twenty thousand volumes, with a certain fund for increase of some \$2,000 per annum. The largest hospitality is extended to book-lovers and readers.

The institution is Christian, but not sectarian, and this is construed as extending the largest liberty of invitation to all who love the light of knowledge. The Tulane University is now on the sound basis of a living income, with a corporation secure in its tenure of office and consistent in its plans and purposes, and with the prestige of a State institution and popular favor to aid in its honorable career.

Still further to enlarge the scope and increase the usefulness of the University, Mrs. Josephine Louise Newcomb, widow of Warren Newcomb, of New York City, has generously donated a large sum of money for the endowment of a female college, to be known as "The H. Sophie Newcomb Memorial College in the Tulane University of Louisiana, for the higher education of white girls and young women."

The Administrators of the University having been charged with this noble gift have established the H. Sophie Newcomb Memorial College as a department of Tulane University.

The first annual session was opened Thursday, October 16, 1887. The attendance has been good, and the outlook is auspicious. Under the management of an efficient Faculty the number of students has steadily increased, and satisfactory progress has been made.

During the past year its usefulness has been largely increased by a fuller faculty, improved appliances, and more rigid requirements in scholarship. Thorough training and sound scholarship are the aim of this institution.

FACULTY AND INSTRUCTORS,

1888-1889.

WM. PRESTON JOHNSTON, LL. D.,
PRESIDENT OF THE UNIVERSITY.

(IN THE ORDER OF ELECTION.)

RANDELL HUNT, LL. D.,
EMERITUS RECTOR OF THE LAW DEPARTMENT; PROFESSOR OF CON-
STITUTIONAL LAW, COMMERCIAL LAW, AND THE LAW
OF EVIDENCE.
(Retired.)

T. G. RICHARDSON, M. D.,
PROFESSOR OF GENERAL AND CLINICAL SURGERY.

STANFORD E. CHAILLE, M. D.,
DEAN OF THE MEDICAL DEPARTMENT, PROFESSOR OF PHYSIOLOGY
AND PATHOLOGICAL ANATOMY.

JOSEPH JONES, M. D.,
PROFESSOR OF CHEMISTRY AND CLINICAL MEDICINE.

SAMUEL LOGAN, M. D.,
EMERITUS PROFESSOR OF ANATOMY AND CLINICAL SURGERY.

ERNEST S. LEWIS, M. D.,
PROFESSOR OF GENERAL AND CLINICAL OBSTETRICS AND DISEASES
OF WOMEN AND CHILDREN.

JOHN B. ELLIOTT, M. D.,
PROFESSOR OF THEORY AND PRACTICE OF MEDICINE AND CLINICAL
MEDICINE.

WILLIAM FRANCIS MELLEN*, LL. D. Dean of Law Department,
PROFESSOR OF COMMON LAW AND EQUITY JURISPRUDENCE.

RICHARD H. JESSE,
PROFESSOR OF LATIN.

*Deceased.

J. L. CROSS, A. B. (Va. Military Institute),
PROFESSOR OF MATHEMATICS.

J. HANNO DEILER (Royal Normal College of Munich),
PROFESSOR OF GERMAN LANGUAGE AND LITERATURE.

ALCÉE FORTIER,
PROFESSOR OF FRENCH LANGUAGE AND LITERATURE.

BROWN AYRES, B. Sc., Ph. D. (Stevens Inst.),
(Fellow of Johns-Hopkins University),
PROFESSOR OF PHYSICS AND ASTRONOMY.

ROBERT SHARP, A. M., Ph. D. (Leipsic),
PROFESSOR OF GREEK AND ENGLISH.

HENRY CARLETON MILLER,
PROFESSOR OF ADMIRALTY AND INTERNATIONAL LAW.

JOHN M. ORDWAY, A. M., (Dartmouth),
PROFESSOR OF APPLIED CHEMISTRY AND BIOLOGY AND DIRECTOR OF
MANUAL TRAINING SCHOOL.

WM. WOODWARD (Massachusetts Normal Art School),
PROFESSOR OF DRAWING.

HENRY DENIS,
PROFESSOR OF CIVIL LAW AND LECTURER ON THE LAND LAWS OF
OF THE UNITED STATES.

EDMOND SOUCHON, M. D.,
PROFESSOR OF ANATOMY AND CLINICAL SURGERY.

ASHLEY D. HURT, A. M.,
HEAD MASTER OF THE HIGH SCHOOL AND PROFESSOR OF LATIN.

L. C. REED, A. M.,
PROFESSOR OF ENGLISH.

JOHN R. FICKLEN, B. LET. (University of Va.)
PROFESSOR OF ENGLISH HISTORY AND RHETORIC.

JOHN W. CALDWELL, A. M., M. D.,
PROFESSOR OF CHEMISTRY AND GEOLOGY.

JOSEPH F. JOOR, M. D.,
PROFESSOR OF BOTANY.

ELLSWORTH WOODWARD (Massachusetts Normal Art School),
PROFESSOR OF DRAWING.

A. B. MILES, M. D.,
PROFESSOR OF MATERIA MEDICA AND THERAPEUTICS AND HYGIENE
AND CLINICAL MEDICINE.

BRANDT V. B. DIXON, A. M. (Cornell University),
(Late Principal of St. Louis High School),
PROFESSOR OF METAPHYSICS AND MENTAL SCIENCE, AND PRESIDENT
OF THE H. SOPHIE NEWCOMB MEMORIAL COLLEGE FOR WOMEN.

CHARLES E. FENNER,
(Associate Justice Supreme Court of Louisiana),
LECTURER ON THE MODERN CIVIL LAW OF DONATIONS AND TESTA-
MENTS AS ESTABLISHED BY THE CODES OF LOUISIANA AND FRANCE

THOMAS J. SEMMES,
PROFESSOR OF CONSTITUTIONAL LAW, COMMON LAW AND EQUITY,
CONFLICT OF LAWS, WITH JURISDICTION AND PRACTICE OF THE
UNITED STATES COURTS AT LAW AND IN EQUITY.

FRANK A. MONROE,
PROFESSOR OF COMMERCIAL LAW AND THE LAW OF CORPORATIONS.

HARRY H. HALL,
PROFESSOR OF EVIDENCE, CODE OF PRACTICE. AND CRIMINAL LAW.

RUDOLPH MATAS, M. D.,
DEMONSTRATOR OF ANATOMY.

STIRLING D. KENNEDY, M. D.,
LECTURER ON DISEASES OF THE EYE.

CHARLES G. GILL, Ph. D.,
ASSISTANT PROFESSOR OF GREEK.

S. P. DELAUP, B. Sc.,
ASSISTANT PROFESSOR OF FRENCH AND MATHEMATICS.

J. W. PEARCE, A. M.,
ASSISTANT PROFESSOR OF ENGLISH AND MATHEMATICS.

JOHN H. KENNARD,
INSTRUCTOR IN MATHEMATICS.

JAMES ROHDE,
ASSISTANT PROFESSOR OF SPANISH.

D. R. BUCHANAN,
INSTRUCTOR IN PENNMANSHIP AND BOOK KEEPING.

ALPHONSE F. DELBERT, B. Sc.
INSTRUCTOR IN DRAWING AND MACHINE CONSTRUCTION.

LAUNCELOT M. HARRIS, A. B.,
(Washington and Lee University),
INSTRUCTOR IN LATIN.

HENRY J. MALOCHÉE,
INSTRUCTOR IN DRAWING.

FREDERICK N. KEMP,
INSTRUCTOR IN WOOD-WORKING.

J. O. HASAM,
INSTRUCTOR IN WOOD-WORKING.

OTIS ATHERTON,
INSTRUCTOR IN IRON WORKING.

S. PORBES,
INSTRUCTOR IN WOOD-WORKING.

JULIUS PORBES,
INSTRUCTOR IN WOOD-WORKING,

LEWIS GILLESPIE,
INSTRUCTOR IN ELOCUTION

SUMMARY.—FACULTY AND INSTRUCTORS.

PRESIDENT AND PROFESSORS.....	30
LECTURERS.....	3
ASSISTANT PROFESSORS.....	4
INSTRUCTORS.....	11
Total.....	48

TULANE UNIVERSITY OF LOUISIANA.

PLAN OF EDUCATION.

Tulane University is an institution for the higher education of the white youth of Louisiana. The Administrators of Tulane University, recognizing the great fact that education is a unit, integral from its very nature, and looking to the actual condition of things in Louisiana, find themselves obliged to embrace in their scheme, a plan broad and deep, and to institute for the successive phases of educational development, a High School, a College and a University. Taking the youth on the threshold of the higher education, this plan proposes, through judicious instruction, to train him to know, to do, and to be, and thus to develop a consistent manhood by means of this harmonious and equable evolution of body, mind and soul.

Tulane University of Louisiana is divided into Tulane High School, Tulane College and the University Department of Philosophy, the Law Department, the Medical Department, and the H. Sophie Newcomb Memorial College for Young Women.

TULANE HIGH SCHOOL.

Three years are allotted to the academic life of the High School, which should fit the pupil for the College, or for an ordinary practical business career. Throughout the High School the attempt will be made towards a normal adjustment of that physical, mental and moral training, which is so much praised and so little practiced. The hand, the eye and the muscle are trained by the handwork in wood and iron, which is now admitted to be the true basis of the best mechanical education, and is claimed to confer so many other benefits. We recognize in it a most useful adjunct in all efforts for a harmonious human evolution, and that it has its place in all thoroughly co-ordinated schemes of education.

The purpose throughout is *training*: the means employed are those branches best adapted to considerable bodies of students. But we do not expect, or desire manual training to supersede, or be substituted for, other well established courses of training sanctioned by the experience of wise and conservative men. Our motto is, "Evolution, not Revolution."

Hence the Manual Training School is not a separate department of Tulane University, but the laboratory in wood and iron, where instruction and practice render the student quick, observant and accurate with the eye; ready, skilful and exact with the hand, and able to think *in* things, as well as *about* them, and to execute as well as to describe.

In this physical and mechanical training, Drawing is considered fundamental, and enters into every course. Every student who enters the High School learns to draw as a matter of general instruction, while those who propose to follow a mechanical or engineering career must necessarily study with reference to its practical application,—carry it to its last results in the applied arts.

Penmanship and Accounts are also taught as practical studies.

Another branch of knowledge which is taught to every student is Physiology and Hygiene. It is taught in interesting lectures especially adapted to the age and advancement of these young students, and by examination on suitable text-books, and it is believed that this instruction will result in incalculable good.

The instruction in the High School is given in four parallel and equivalent courses of study, to-wit: 1st, Classical. 2d, Literary and Scientific. 3d, Mechanical. 4th, Commercial.

The studies to be pursued in each course are contained in the schedule hereto annexed.

The High School proposes to give a solid practical education, which shall be exact and thorough, and shall fit the pupil for a further College Course, or for an entry on the apprenticeship of a practical career.

There are three classes, which are termed Preparatory, Intermediate and Sub-Freshman. To enter the High School requires a good elementary education in Reading, Writing and Arithmetic, including percentage and its applications, with the ordinary school knowledge of Geography and History, and the elementary principles of English Grammar.

In the Preparatory Class all the students have the same studies, except where French or German in the Mechanical and Commercial Courses is substituted for Latin in the Classical and Literary Courses. The studies diverge slightly in the Intermediate Class, and still more widely in the Sub-Freshman Class, as will be observed by referring to the Schedule of Courses of Studies. But, in all the courses, English, and another language, Mathematics, some elementary Natural Science, Drawing and Wood-Working are taught, and the effort is made to train all the intellectual faculties, while such knowledge is imparted as will be found most available in the practical affairs of life.

Three hours are given to recitations, and nearly two hours to Manual Training or Drawing, daily, except Saturdays. Studies will be carried on in study rooms under the supervision of competent instructors. The exercises open at 8:45 A. M. and close at 3:30 P. M.

No student can enter any class, or pass to a higher one, without being fully prepared for it, and evincing this preparation by a satisfactory examination.

The student who finishes any one of the four regular courses of the High School will be entitled to a DIPLOMA; and, if he has attained superior excellence, he will be granted a Diploma with Distinction.

**TULANE HIGH SCHOOL FACULTY,
1889-90.**

ASHLEY D. HURT, A. M.
HEADMASTER OF HIGH SCHOOL AND PROFESSOR OF LATIN.

LYMAN C. REED, A. M.,
PROFESSOR OF ENGLISH.

JOHN R. FICKLEN, B. L. (University of Virginia),
PROFESSOR OF ENGLISH HISTORY.

J. HANNO DEILER (Royal Normal College of Munich),
PROFESSOR OF GERMAN.

ALCÉE FORTIER,
PROFESSOR OF FRENCH.

WILLIAM WOODWARD (Massachusetts Normal Art School),
PROFESSOR OF DRAWING.

GEORGE GESSNER, A. M.,
PROFESSOR OF GREEK.

JAMES ROHDE,
ASSISTANT PROFESSOR OF SPANISH.

J. W. PEARCE, A. M.,
ASSISTANT PROFESSOR OF ENGLISH AND MATHEMATICS.

S. P. DELAUP, B. Sc.,
ASSISTANT PROFESSOR OF FRENCH AND MATHEMATICS.

ERNEST LAPLACE, M. D.,
ASSISTANT PROFESSOR OF PHYSIOLOGY AND HYGIENE.

D. R. BUCHANAN,
INSTRUCTOR IN PENMANSHIP AND BOOK-KEEPING.

TULANE UNIVERSITY OF LOUISIANA.

ALPHONSE F. DELBERT, B. Sc.,
INSTRUCTOR IN MACHINE CONSTRUCTION AND DRAWING

GEORGE URQUHART BORDE, A. B.,
Graduate Fellow and
INSTRUCTOR IN NATURAL SCIENCE.

CHARLES O. MAAS, A. B.,
Graduate Fellow and
INSTRUCTOR IN PHYSICS.

OTIS ATHERTON,
INSTRUCTOR IN IRON-WORKING.

FREDERICK N. KEMP,
INSTRUCTOR IN WOOD-WORKING.

S. PORBES,
INSTRUCTOR IN WOOD-WORKING.

JULIUS PORBES,
INSTRUCTOR IN WOOD-WORKING.

ALLISON OWEN,
INSTRUCTOR IN DRAWING.

TULANE HIGH SCHOOL.

CLASS.	CLASSICAL COURSE.	Hours per Week.	LITERARY AND SCIENTIFIC.	Hours per Week.	MECHANICAL COURSE.	Hours per Week.	COMMERCIAL COURSE.	Hours per Week.
SUB-FRESHMAN.	English.....	5	English.....	5	English.....	5	English.....	5
	Mathematics.....	5	Mathematics.....	5	Mathematics.....	5	Mathematics.....	5
	Latin.....	5	Latin.....	5	French or German.....	5	French or German.....	5
	Greek.....	5			Spanish.....	3	Spanish.....	3
	Elocution.....	2	Elocution.....	2	Elocution.....	2	Elocution.....	2
	Physiology and Hygiene.....	2	Physiology and Hygiene.....	2	Physiology and Hygiene.....	2	Physiology and Hygiene.....	2
	Physics and Chemistry.....	3	Physics and Chemistry.....	3	Physics and Chemistry.....	3	Physics and Chemistry.....	3
	History of Greece and Rome.....	2	History of Greece and Rome.....	2	History of Greece and Rome.....	2	History of Greece and Rome.....	2
	Drawing.....	5	Drawing.....	5	Drawing.....	5	Book-keeping and Accounts.....	5
	Manual Training.....	5	Manual Training.....	5	Manual Training.....	5		
INTERMEDIATE.	Elocution.....	2	Elocution.....	2	Elocution.....	2	Elocution.....	2
	English.....	5	English.....	5	English.....	5	English.....	5
	Mathematics.....	5	Mathematics.....	5	Mathematics.....	5	Mathematics.....	5
	Latin.....	5	Latin.....	5	French or German.....	5	French or German.....	5
	Drawing.....	5	Drawing.....	5	Drawing.....	5	Drawing.....	5
	Manual Training.....	5	Manual Training.....	5	Manual Training.....	5	Manual Training.....	5
	Greek.....	5	Natural Science.....	3	Natural Science.....	3	Spanish.....	3
			Penmanship.....	1	Penmanship.....	1	Penmanship.....	1
			Book-keeping.....	2	Book-keeping.....	2	Book-keeping.....	2
PREPARATORY.	English.....	5	English.....	5	English.....	5	English.....	5
	History.....	2	History.....	2	History.....	2	History.....	2
	Latin.....	5	Latin.....	5	French or German.....	5	French or German.....	5
	Mathematics.....	5	Mathematics.....	5	Mathematics.....	5	Mathematics.....	5
	Penmanship.....	3	Penmanship.....	3	Penmanship.....	3	Penmanship.....	3
	Drawing.....	5	Drawing.....	5	Drawing.....	5	Drawing.....	5
	Manual Training.....	5	Manual Training.....	5	Manual Training.....	5	Manual Training.....	5

ROLL OF HIGH SCHOOL STUDENTS.

SESSION 1888-89.

PREPARATORY CLASS.

NAMES OF STUDENTS.	COURSE. RESIDENCE.	NAMES OF PARENTS OR GUARDIANS.
ANDREWS, REUBEN W.....	Mech.....179 Jackson Ave.....	Benj. Andrews.
ABBOTT, ALBERT.....	Mech.....292 State	A. L. Abbott.
AVERY, DUDLEY, JR.....	Class.....Avery, La.....	Dudley Avery.
ANDERTON, ARTHUR W.....	L. & S...Concession Plant., La.....	G. P. Anderton.
BLAFFER, ROBERT L.....	Mech.....927 Camp.....	J. A. Blaffer.
BUDDECKE, CHARLES B., JR....	Com.....448 St. Charles.	C. B. Buddecke.
BEDINGER, SIMEON B.....	Mech.....Morrilton, Ark.....	Miss N. G. Bedinger.
BENNERS, HENRY.....	Mech.....509 Canal street.....	R. H. Benners.
BERGMAN, NATHAN N.....	Mech.....199 Terpsichore.....	J. A. Bergman.
BERNARD, MAURICE.....	Mech.....518 Esplanade.....	H. C. Bernard.
BRUNET, WILLIAM A.....	Mech.....125 Constance.....	R. H. Brunet.
BRADLEY, LAUREN.....	L. & S...425 Prytania.....	D. H. Bradley.
BERTONIERE, JOSEPH H.....	L. & S...Conti and Murat.....	H. Bertoniere.
BIRD, EDWARD A.....	Mech.....Bruly Landing, La.....	A. T. Bird.
BERNARD, FRANK J.....	Com.....Rayne, La.....	J. G. Bernard.
BLANKS, ANTHONY F.....	Com.....Caldwell Parish, La.....	J. W. Blanks.
BROUSSARD, EDWIN S.....	Mech.....Loreauville, La.....	J. D. Broussard.
CARRE, TUDOR B.....	Com.....393 Canal.....	Mrs. E. A. Carre.
CHAMPAGNE, HORACE.....	Mech.....186 N. Rampart.....	R. Champagne.
COOK, SIDNEY G.....	Mech.....522 Baronne.....	Frederic Cook.
CROZAT, AUGUSTE J.....	Mech.....208 N. Rampart.....	I. W. Crozat.
COCHRAN, JAMES, JR.....	Mech.....330 St. Philip.....	James Cochran.
DOWNING, JOSEPH J.....	Com.....199 Annunciation.....	Dennis Downing.
DELAUP, ERNEST.....	L. & S...212 Broad.....	S. P. Delaup.
DEICHMAN, WILLIAM.....	Mech.....265 Gravier.....	Chas. Deichman.
DURIEU, EMILE.....	Com.....Canal and Olympia ..	A. Durieu.
DAHLMAN, DAVID.....	Com.....Fort Worth, Tex.	F. Hollander.
EVANS, CHAS. A.....	Mech.....Hurst and Arabelia...	Rev. Chas. F. Evans
FARGE, MAURICE.....	Com.....142 St. Anthony.....	J. K. Farge.
FORTIN, LOUIS.....	Com.....71 Dublin.....	Mrs. M. H. Fortin.
FORMAN, ALFRED H.....	L. & S...544 St. Charles Ave. .	B. R. Forman.
FUQUA, OGDEN.....	L. & S...Baton Rouge, La.....	J. M. Fuqua.
FITCH, FRANK.....	Class.....315 Baronne.....	H. L. Fitch
FOSSAT, GUSTAVE S. DU.....	Com.....413 Esplanade.....	F. S. Du Fossat.
GILMORE, MICHAEL J.....	Mech.....444 Chartres..	T. M. Gilmore.
GREVENIG, EMILE.....	Mech.....376 Magazine.....	Mrs. E. Grevenig.
GUEDRY, HENRY.....	Com.....St. Amant P. O., La.....	Adam Guedry.
GULOTTA, LEROY.....	Class.....456 St. Andrew.....	Mrs. G. C. Norcross
HANDS, EDGAR B.....	Mech.....303 Canal.....	Washington Hands
HARRISON, JILSON P. JR.....	Mech.....Burke Station, La.....	J. P. Harrison.
HOLLOWAY, EDWARDS.....	Mech.....248 Prytania.....	Chas. Holloway.
HENRY, ARTHUR McD.....	L. & S...Cameron, La.....	S. P. Henry.
HICKMAN, WILLIAM PRESTON..	Mech.....Fairmount, La.....	G. W. Hickman.
HANNA, RICHARD J.....	Com.....160 Louisiana Ave.....	John H. Hanna.

JONES, CAMPBELL	Mech....	19 Prytania.....	Mrs. M. Jones.
JOUBERT, CHARLES.....	Mech....	259 N. Rampart.....	Leon Joubert.
KITTREDGE, WILLOUGHBY E...L. & S..	Napoleonville, La....	J. K. G. Kittredge.	
KEITH, JAMES L.....	Coin	Beaumont, Tex.....	Jno. W. Keith.
KENDALL, JOHN.....	Comp	962 Magazine	Miss M.L. Kendal
KRAMER, WILLIAM J.....	L. & S..	Alexandria, La.....	John Kramer.
KLORER, JOHN, JR.....	Mech....	118 Ursulines.....	John Klorer.
LEVI, JULIUS.....	Mech....	971 Magazine.....	J. Levi.
LIONS, WENCELAS L.....	L. & S..	Ronnet Carré, La....	F. P. Lions.
LEVY, BENJAMIN F.....	L. & S..	Victoria, Texas.....	Henry Levy.
MATTHEWS, GEORGE B., JR....	Com	333 St. Andrew	G. B. Matthews.
MOONEY, HENRY.....	L. & S..	Hammond, La.....	H. C. Mooney.
MAURRAS, SIDNEY L.....	Mech....	473 N. Claiborne.....	H. Maurras.
MORPHY, L. ALBERT.....	L. & S..	524 Baronne.....	A. E. Morphy.
MADDEX, CLEMENT S.....	L. & S..	114 St. Charles.....	L. J. Maddux.
MCCONNELL, MAURICE.....	L. & S..	468 Esplanade Ave....	Mrs. C. McConnell
MCCARTNEY, WILLIAM B.....	L. & S..	297 Esplanade Ave....	John McCartney.
PALFREY, CHARLES.....	Mech....	287 Bayou Road.....	G. W. Palfrey.
PAYNE, HORTON K.....	Class....	Pass Christian, Miss..	H. M. Payne.
PATTEN, LAWRENCE E. C.....	L. & S..	1239 Magazine.....	S. S. Patten.
PARKER, JAMES H.....	Mech....	Natchitoches, La....	J. Parker.
QUATREVAUX, G. H.....	L. & S..	210 Broad.....	E. Quatrevaux.
REYNES, MAZUREAU.....	L. & S..	290 Tremé.....	E. H. Reynes.
ROSEN, LOUIS.....	L. & S..	Bayou Sara, La.....	Mrs. D. Alexander.
RITSON, EDWARD O.....	Mech....	250 Third.....	J. B. Ritson.
ROMAN, CHARLES J.....	Class....	224 Esplanade Ave....	Mrs. S. Roman.
STEWART, WILLIAM P.....	L. & S..	237 Philip.....	Andrew Stewart.
STOKES, HOBART H.....	Com	Amite City, La.....	M. Stokes.
SEEBOLD, RANDELL H.....	Mech....	462 Canal.....	W. Seebold.
STERN, MAURICE.....	Mech....	438 Magazine	Henry Stern.
SANSUM, OLIVER W.....	Class....	462 Prytania.....	O. B. Sansum.
SMITH, GUY A.....	L. & S..	95 First.....	Ed. Smith.
SACHSE, FRITZ.....	Class....	487 Camp.....	T. C. Sachse.
SELIGMAN, ABRAHAM.....	Com	161 Robin.....	M. Seligman.
SETTOON, LUTHER V.....	Com	Springfield, La.....	S. W. Rawlins.
TURNBULL, GEORGE E.....	Mech....	Houma, La	Thos. Turnbull.
THIBAUT, P. LEONCE.....	Class....	12 St. Anne.....	Jas. Thibaut.
VENABLES, VERNON.....	Mech....	164 Peniston.....	R. S. Venables.
VATTER, HENRY H.....	Mech....	220 Third.....	Frank Vatter.
VIGNES, BENNET B.....	Mech....	Waterloo P. O., La...	James Vignes.
WIRE, DAVID G., JR.....	Com	Happy Jack, La.....	D. G. Wire.
WADSWORTH, STEWART.....	L. & S..	440 Prytania.....	J. A.C. Wadsworth
WHEAT, GEORGE W.....	L. & S..	Lowerline & St. Chas.	Mrs. G. W. Wheat.
WALLIS, ROBERT L.....	Mech....	Lafayette, La.....	S. R. Wallis.
WILSON, CHARLES S.....	Mech....	155 Fourth.....	H. R. Giffney.

INTERMEDIATE CLASS.

ADLER, JULIUS.....	L. & S..	429 Canal.....	A. Adler.
BRIDWELL, CHARLES J.....	Com....	383 Camp..	H. F. Bridewell.
BRITTON, JOHN D., JR.....	L. & S..	Gen'l. Taylor & Car.	John D. Britton.
BEER, JOSEPH W.....	L. & S..	197 Girod.....	F. Beer.
BEEBE, HENRY B.....	Mech....	458 Esplanade Ave...	Henry Beebe.

BRADY, EDWIN.....Mech....Waggaman P. O., La. J. S. Brady.
 BOURGEOIS, FAURIE.....Mech....341 Elysian Fields....H. B. Bleslie.
 BORMAN, JOSEPH A.....Mech....88 Erato.....A. Borman.
 BUSH, RUFUS C.....Mech....334 Canal.....C. S. Bush.
 BESS, JULIAN G.....Class....167 Second.....C. H. Bess.
 BODEMULLER, OCTAVE C.....Com....Opelousas, La.....Louis Desmarais.
 BOYER, ALBIN O.....L. & S...Moreauville, La.....A. L. Boyer.

CAMPBELL, DENNIS J., JR.....L. & S...Bordeaux & Prytania.D. J. Campbell.
 CHRISTIAN, CHARLES G.....Com....Pet. Ave. & Jeannette.P. J. Christian.
 CALDER, JOHN H.....Com....215 First.....Mrs. A. Calder.
 CHALARON, ANDREW.....Com....63 Esplanade Ave.....J. A. Chalaron.
 CONNIFF, JOHN R.....L. & S...392 Seventh.....John H. Conniff.

ELLIS, ROBERT L.....Class....2 Pitt.....T. C. W. Ellis.

FORRESTER, HOWARD H.....L. & S...Bayou Sara, La.....Mrs. C. M. Forrester
 FORSYTH, DOUGLAS.....Class....215 Louisiana Ave...H. D. Forsyth.

GREENWOOD, HARDY.....L. & S...227 Philip.....Mrs. A. H. Greenw'd
 GRANT, C. BULLITT.....L. & S...994 St. Charles.....Wm. Grant.
 GONZALES, FELIX A.....L. & S...83 Clouet.....F. V. Gonzales.
 GILL, THOMAS M., JR.....Class....349 Carondelet.....T. M. Gill.

HARRIS, BURWELL.....L. & S...Pitt and Lyon.....Mrs. T. V. Harris.
 HARDIE, HENRY M.....Class....228 Philip.....Jno. T. Hardie.
 *HENDERSON, ANDREW H.....L. & S...915 Camp.....Wm. Henderson.

L'ISLE, SIDNEY G. DE.....L. & S...195 St. Claude.....C. G. de L'Isle.

JONES, ACKLAND H.....L. & S...222 Milan.....Mrs. W. P. Jones.
 JACK, WILLIAM H. JR.....L. & S...Natchitoches, La....Wm. H. Jack.
 JACKSON, ANDERSON.....L. & S...Opelousas, La.....J. N. Jackson.

KIBBE, M. U. PAYNE.....L. & S...Abbeville, La.....W. G. Kibbe.
 KRONENBERGER, GUSTAVE G..Com....51 Napoleon Ave.G. P. Kronenberger.
 KAUFMAN, JOSEPH.....L. & S...205 Philip.....Louis Kaufman.
 KENNON, CHARLES E.....L. & S...Kentwood, La.....Mrs. S. Kennon.
 KERN, EDWARD.....Com....268 St Charles.....Wm. Kern.
 KING, ALLEN S.....L. & S...277 Josephine.....Mrs. S. S. King.

LION, LEON E.....Com....240 Burgundy.....E. Lion.
 LYMAN, GUY S.....L. & S...121 Carrollton Ave...W. R. Lyman.
 LANDRY, LOUIS.....Mech....47 Customhouse.....N. Landry.
 LEVIS, WALTER C.....Mech....965 Magazine.....A. Levis.
 LALLY, JOHN E.....Mech....84½ St. Andrew.....M. G. Lally.
 LEIDENHEIMER, JACOB F.....Mech....179 Calliope.....Geo. J. Antz.
 LANAUX, ALFRED A.....Mech....119 Esplanade Ave...G. A. Lanaux.

MOSS, RUSSELL J.....Mech....61 Lesseps.....Alfred Moss.
 MALOCHEE, ALFRED P.....Mech....51 Esplanade Ave...P. Malochée.
 MATTHEWS, JEFFERSON J.....Mech....Gretna, La.....F. L. Matthews.
 MATHIS, LOUIS J.....Mech....264 St. Thomas.....Louis Mathis.
 MEADER, HERMAN L.....Com....183 Julia.....H. F. L. Meader.
 MCGEEHEE, A. MERWIN JR.L. & S...Fort Adams, Miss....A. McGeehee.

NUNEZ, NEMOURS H.....Mech....Arabi P. O., La.....E. E. Nunez.

O'DONNELL, ROBERT W.....Class....383 N. Rampart.....L. O'Donnell.

POLLOCK, GEORGE E.....Com....291 Royal.....J. F. Pollock.
 PALFREY, HENRY W.....Mech....634 Camp.....J. Watts Kearny.

*Deceased.

RUSSELL, ERNEST H.....L. & S...229 St. Joseph.....Mrs. M. L. Russell.
 REED, LYMAN C. JR.....Class Camp and Leontine..Prof. L. C. Reed.

SCHAEFER, CUTHBERT.....L. & S...Yazoo City, Miss Emile Schaefer.
 STEWART, J. ANDREW.... L. & S...237 Philip..... Andrew Stewart.

VILLAVASO, ERNEST.....L. & S...4 Hall's Row.....E. Villavaso.
 VALLON, PIERRE.....Mech... 295 Bourbon.....L. Vallon.
 VERGES, EDWIN De.....L. & S...118 Elysian Fields....P. DeVerges.

WATERMAN, CHARLES C.....L. & S...240 Jackson Ave.....T. S. Waterman.
 WILKINSON, SAMUEL.....Mech....224 Baronne.....H. W. Wilkinson.
 WOLF, LEON.....Mech....349 Magazine.....Charles Wolf.
 WOOTON, ROBERT A.....Com....Caldwell Par., La....W. L. Wooton.

SUB-FRESHMAN CLASS.

ANDREWS, BENJAMIN, JR.....L. & S...179 Jackson Ave.....Benj. Andrews.
 ANDRIEU, EUGENE A.....Mech....215 Dauphine.....Jules Andrieu.
 ARMSTRONG, FRANK DUVAL....L. & S...Carrollton, La. Mrs. G.D.Armstr'g
 ARMBRUSTER, FREDERICK W...Mech....168 Derbigny.....Benj. Armbruster.

BARNES, CHARLES S.....Com....165 Erato.....C. A. Barnes.
 BACKUS, SAMUEL H.....L. & S...5 North.....A. V. Backus.
 BELL, WILLIAM A.....L. & S...81 Prytania.....Mrs. M.O.H. Nort'n
 BLOCK, EDGAR H.....L. & S...Opelousas, La. Joseph Block.
 BUCK, CHARLES F., JR.....L. & S...118 Valence.....Chas. F. Buck.
 BLAKEMORE, ALLEN B.....Class....280 St. Andrew.....W. T. Blakemore.
 BLAFFER, LOUIS A.....L. & S...927 Camp.....J. A. Blaffer.
 BAUMAN, JOSEPH.....Com....Delachaise C'nstance.Geo. F. Bauman.
 BLEAKLEY, ROBERT S.....Com....224 Howard Ave.....Robt. Bleakley.

CAMPBELL, J. BLAIR.....L. & S...334 Second.....Wm. Campbell.
 CAMPBELL, WILLIAM S., JR...L. & S...277 Jackson Ave.....Wm. S. Campbell.
 CALDWELL, B. PALMER.....L. & S...63 Prytania.....Prof. J.W.Caldw'll.
 CHEVREMONT, LOUIS.....Com....228 Royal.....T. Chevrement.
 CHEVREMONT, THEODORE.....L. & S...228 Royal.....T. Chevrement.
 CHRISTIAN, PAUL J., JR.....Mech Peters Ave.& J'nn'tte.P. J. Christian.
 COLEMAN, H. DUDLEY, JR....Mech469 St. Charles Ave...H. D. Coleman.
 CARTER, B. PALMER.....Nat. Sci..396 Esplanade.....T. L. Carter.

DASPIT, JOSEPH O.....L. & S...Houma, La.....O. Daspit.
 DYMOND, WILLIAM.....L. & S...Fourth & Chestnut...Jno. Dymond.
 DUPUY, JOSEPH F., JR.....Mech....St. Gabriel P. O., La. J. F. Dupuy.
 DIXON, J. CARSON.....Class174 Louisiana Ave...Prof. B.V. B.Dixon
 DIMITRY, MICHAEL D.....Class148 AnnunciationT. J. Dimitry.
 DENIS, HARRY R.....L. & S...43 N. Rampart.....Henry Denis.

FOURNET, JOSEPH G.....ComLake Charles, La....G. A. Fournet.

GARLAND, ERNEST H.....Com309 St. CharlesA. Martin.
 GUILLAUD, ANDREW.....ComAlgiers, La.....Louis Guillaud.
 GIVEN, RICHARD A.....Com228 Eighth.....D. A. Given.
 GAIDRY, WILFRED J.....L. & S...Houma, La.....A. Gaidry.
 GOLDBERG, ABE.....L. & S...Waterproof, La.....M. Goldberg.

HARRIS, ALEXANDER, JR.....Com90 Esplanade Ave.....Alex. Harris.
 HARDIE, LEWIS H.....L. & S...228 PhilipJohn T. Hardie.
 HARDIE, ROBERT T.....Class229 Jackson Ave.....W. T. Hardie.
 HAULARD, MARCEL V.....L. & S...305 Bienville.....L. Haulard.

JONES, HAMILTON P.....L. & S...156 Washington Ave..Dr. Joseph Jones.
 JOOR, SAMUEL F.....L. & S...939 Laurel.....Dr. J. F. Joor.

KITTREDGE, IVY G.....	L. & S..	Napoleonville, La....	J. K. G. Kittredge.
KNICKERBOCKER, HUBERT D..	L. & S..	395 Carondelet.....	R. W. Knickerbocker.
KITZIGER, FRED. J.....	Mech....	95 Euterpe.....	F. E. Kitziger.
LEBRETON, CHARLES.....	Mech....	224 Esplanade Ave....	E. LeBreton.
MARTINEZ, EUGENE D.....	Com	989 Magazine.....	E. J. Martinez.
MIELLY, EDMUND F.....	Mech....	245 Soniat	V. Mielly.
MCCRACKEN, WILLIAM B....	Class....	367 Canal	Rev. W. B. McCracken.
O'DONNELL, ALEX. C.....	Class....	383 N. Rampart.....	L. O'Donnell.
PARKERSON, CHAS. W.....	L. & S..	Lafayette, La.....	J. G. Parkerson.
PEMBERTON, JOHN P.....	L. & S..	345½ Burgundy.....	Wm. Pemberton.
PERRILLIAT, LOUIS.....	L. & S..	6 St. Anne.....	Chas. Perrilliat.
POLLOCK, ERNEST E. C	L. & S..	Algiers, La	G. W. Pollock.
ROSSNER, GEO.....	L. & S..	Gretna, La.....	Chas. W. Rossner.
SCHNEIDAU, ARTHUR J.....	Mech....	201 Esplanade Ave....	P. M. Schneidau.
SCOTT, JOSEPH T., JR.....	L. & S..	209 Prytania	Dr. J. T. Scott.
STEVENSON, WM. LOUIS.....	Mech....	61 Jackson.....	J. A. Stevenson.
TEBAULT, GRANTLAND L.....	L. & S..	7 North.....	Dr. C. H. Tebault.
WATKINS, LEIGH.....	L. & S..	H. Clay Ave. & Hurst..	J. T. Watkins.
WILLOZ, VICTOR L	Mech....	215 Dumane	A. Willoz.
WALMSLEY, BENJ. M.....	Class....	Camp and First.....	R. M. Walmsley.
YOUNGS, ELIAS H., JR.....	Mech....	Boutté P. O., La.....	E. H. Youngs.

HIGH SCHOOL ROLL.

Preparatory Class.....	59
Intermediate.....	66
Sub-Freshman.....	89
Total.....	214

Detailed Statement of Work in the Several Courses.

ENGLISH.

PROFESSOR REED, PROFESSOR FICKLEN, ASSISTANT PROFESSOR PEARCE.

With a complete knowledge of the contents of such elementary books as Abbott's "How to Tell the Parts of Speech" and Reed and Kellogg's "Graded Lessons in English," the student advances carefully in etymology and syntax by methods and text-books approved by the professor in charge, practicing English composition through the whole course of three years. In the Sub-Freshman Class an effort is made to interest the student in the study of the history and correct meaning of the words of our language, and the best lexicons are daily consulted in the class for etymology and definition.

Text-Books are:

PREPARATORY; Pattison's Grammar; Dalgleish's Analysis; Eggleston's History of the United States; Dictation Exercises.

INTERMEDIATE: Eggleston's History (completed); Chittenden's Elements of Composition; Exercises, Composition and Criticism.

SUB-FRESHMAN: Anderson's History of England; Skeat's Dictionary, Abridged; Selections from American Authors; Exercises in Composition.

LATIN.

PROFESSOR HURT.

Latin in the High School is begun in the Preparatory Class in the Classical, Literary and Scientific courses, and is continued through three years.

PREPARATORY CLASS: Gildersleeve's Latin Primer.

INTERMEDIATE CLASS: Gildersleeve's Latin Primer finished; Gildersleeve's Grammar, Reader; Cæsar; Exercise Book begun.

SUB-FRESHMAN CLASS: Gildersleeve's Grammar and Reader; Exercise Book continued; Cæsar; Ovid; Creighton's Primer of Roman History.

GREEK.

PROFESSOR GESSNER.

Greek is taught in the Classical Course and is begun in the Intermediate Class.

INTERMEDIATE CLASS: Hadley and Allen's Grammar; Keep's Greek Lessons; Xenophon (one book).

SUB-FRESHMAN CLASS: Hadley and Allen's Grammar; Jones's Greek Prose Composition; Xenophon (three books); Fyffe's Primer of Greek History.

MATHEMATICS.

ASSISTANT PROFESSOR DELAUP. ASSISTANT PROFESSOR PEARCE.

For admission to the Preparatory Class in the High School, applicants are required to be proficient in Arithmetic through Percentage and its applications (242 pages in Nicholson's Complete Arithmetic or an equivalent amount of work in some other book).

PREPARATORY CLASS: Arithmetic completed. Algebra begun.

INTERMEDIATE CLASS: Algebra to Quadratics. Arithmetic reviewed.

SUB-FRESHMAN CLASS: Geometry (six books). Algebra reviewed.

Text-Books:

PREPARATORY CLASS: Wentworth & Hill's Practical Arithmetic. Wentworth's Elements of Algebra (shorter course).

INTERMEDIATE CLASS: Wentworth's Complete Algebra. Wentworth & Hill's Arithmetic.

SUB-FRESHMAN CLASS: Wentworth's New Plane and Solid Geometry. Wentworth's Complete Algebra.

FRENCH COURSE.

PROFESSOR FORTIER. ASSISTANT PROFESSOR DELAUP.

In the Mechanical and Commercial Courses of the High School, French or German must be taken. Beginning in the Preparatory year it is continued throughout three years.

The object in view is to give the student a thorough practical knowledge of the language, especially in reading and speaking it. For that purpose a good deal of time is devoted to reading standard French works, and for a year and a half nothing but French is used in the class room.

Text-Books:

PREPARATORY CLASS—Chardenal's First French Course; Super's French Reader.

INTERMEDIATE CLASS—"Deuxième Année de Grammaire" (Larive et Fleury); History of France (Anderson); "La Poudre aux Yeux" (Labiche et Martin); La Belle Nivernaise" (A. Daudet); "Le Cid" (Corneille); Exercises and Dictations.

SUB-FRESHMAN CLASS—Aubert's Littérature Française; Sadler's Translating English into French; "Sept Grands Auteurs du Dix-Neuvième Siècle" (A. Fortier); "Horace" (Corneille); "Esther" (Racine); "l'Avare" (Molière); "Hernani" (V. Hugo); Exercises and Dictation.

GERMAN COURSE.

ASSISTANT PROFESSOR JAMES ROHDE.

There is a three years' Course of German in the High School which may be taken by students of the Commercial and Mechanical Courses in place of French.

Those that begin French in the High School will study German in College, in the Junior and Senior years of their respective courses.

PREPARATORY CLASS: Eysenbach's German Grammar; Conversation; Narrative Prose.

INTERMEDIATE CLASS Eysenbach's Grammar Concluded; Reading: Conversation; Geography of the German Empire.

SUB-FRESHMAN CLASS: Review of Grammar; Political History of Germany and History of German Literature; Conversation; Exercises in German Composition; Selections from Classical Writers.

SPANISH.

PROFESSOR ROHDE.

This study is begun in the Intermediate Class of the Commercial Course, and is pursued two years.

Text-Books:

Robertson's Spanish Course; Mantilla's Readers; Blanco's Hand-Book for Spanish Conversation; Primer of Spanish Literature; Spanish History.

BOOK-KEEPING AND PENMANSHIP.

INSTRUCTOR BUCHANAN.

Every pupil in the Preparatory Class receives systematic instruction in Penmanship. In the Intermediate Class Book-keeping is taught, from which members of the Classical Course only are excused. In the Sub-Freshman Class, students in the Commercial Course are adequately instructed in Book-Keeping, the most approved methods of the art being daily employed.

ELOCUTION.

In this department pupils are trained for three years in the art of expressing thought and feeling by voice and gesture. The voice, as the great common vehicle of thought, is educated in all its various keys and modes of utterance, and the postures of the human body in the emergencies of thought and emotion are carefully studied and imitated. Pupils in the Preparatory Class are instructed in reading aloud extracts from the best English authors, while members of the Intermediate and Sub-Freshman classes are taught to reproduce from memory, with all the graces of physical expression, the most distinguished oratorical and poetical gems of our language. The incidental exercise of the memory is not the least of the advantages of this department.

The principal text-book is "Bell's Elocution," though liberal use is made of material from the whole range of English literature.

NATURAL SCIENCE.

INSTRUCTOR BORDE.

The object of this course is the study of the elements of Botany and Zoology. Effort is made to train and develop that natural fondness for animals and plants which almost all young persons possess and which they evince at an early period, and to furnish young students, by guidance, every opportunity to observe Nature in the woods and fields, in the streets and gutters, under the electric light (the great rendezvous of insects), in the market place, nay, everywhere that their innocent inquisitiveness may lead them.

There are three recitations a week, two in Botany and one in Zoology. In addition, students are expected to attend some of the Saturday excursions to the many places of scientific interest made accessible to the Natural Science Classes by the generosity of several of the railroads entering New Orleans.

Text-Books.

Yorman's Botany; Morse's First Book of Zoology.

PHYSICS AND CHEMISTRY.

INSTRUCTOR MAAS.

Elementary Physics and Chemistry are taught by text-book and lecture three times a week to the whole Sub-Freshman Class, and are, by means of the valuable aid of the apparatus in the University laboratory, so practically presented as to be not only an adequate preparation for the further prosecution of the subject in the College, but a source of pleasure and usefulness to those whose education will be completed in the High School.

Text-Book: Gage's Elements of Physics.

PHYSIOLOGY AND HYGIENE.

ERNEST LAPLACE, M. D., INSTRUCTOR.

Students of the Sub-Freshman Class will receive instruction twice a week for half a year in this useful and interesting department of knowledge. Proper text-books, charts, the manikin, and the excellent physiological preparations of the University, will furnish sufficient means of illustrating the subject.

MANUAL TRAINING.

PROFESSOR JOHN M. ORDWAY, DIRECTOR.

As Manual Training is found to be a valuable adjunct to intellectual cultivation, a considerable amount of practice in wood-working is required

even in the Classical Course of the High School. In the other courses the manual instruction is carried farther and includes pattern-making, forging iron and steel, soldering and brazing. The work proceeds step by step from the easier to more difficult operations, and is calculated to impart a fair degree of skill and a general practical knowledge of tools, materials, methods and principles, rather than that nicety of execution which can be acquired only by long, time-consuming practice within a limited range.

The exercises are selected with reference to a healthy muscular development, and by a suitable alternation of shop-work with class-room studies, the pupil is enabled to make more real progress in intellectual growth within the school years than can be gained by fatiguing devotion to study alone. The interest of the student is stimulated by keeping in view utility or beauty in the objects constructed. The shop-work manipulation constitutes an excellent preparation for subsequent laboratory practice of all kinds. Or, should the student be obliged to terminate his schooling with a high school course, the manual training will be of great advantage in fitting him for his life-work, whatever occupation he may engage in. Education in which the manual element has a share is particularly suitable for those who are to assist in developing the industrial resources of the country.

DRAWING.

Drawing is considered as a language or mode of expressing ideas and as being therefore not less important than linguistic study, on account of its disciplinary as well as its direct practical value. All the High School pupils are taught more or less of free hand or mechanical drawing and design, according to the needs of the different courses. While the artistic side is not altogether neglected, attention is directed mainly to the industrial aspects of the subject. The exercises consist mostly in drawing directly from the objects, while the pupil is also instructed in the various auxiliary geometrical problems and the conventional devices which facilitate clear expression. The student is expected to observe constantly the relation of the object to the mode of its representation and to become self-directing, without wasting time in copying the delineations of others. As the work advances the imagination is cultivated by the consideration of projections and shadows, and by drawing ideal sections, by sketching from memory, and by making original designs.

In the examinations, pupils are questioned on the principles of illustration and are expected to make time sketches of designs.

For the mechanical drawing each one must provide himself with a set of drawing instruments.

CONDITIONS OF ADMISSION.

For admission to the Preparatory Class of the High School, pupils must be twelve years of age, of good moral character, and must be proficient in Reading, Writing, School Geography, Arithmetic through Percentage and its applications, and in Reed and Kellogg's Graded Lessons in English, or in an equivalent amount of work in some other book.

To enter, or to be promoted to any advanced class in the High School, students must have completed satisfactorily the studies of the classes below, or a full equivalent for them.

EXAMINATIONS.

Entrance Examination will be held October 1st and 2d.

Two examinations are held yearly in the High School. In order to insure promotion to advanced standing, students must pass both examinations satisfactorily.

Punctuality in attendance is rigidly enforced as a necessary requirement to secure fidelity and impartiality in the examination.

DIPLOMAS.

Students satisfactorily completing any course in the High School will receive Diplomas as Graduates of the High School.

Before admission to any class of the High School, the student must be matriculated and must present his certificate of matriculation from the Secretary, Mr. Wm O. Rogers. The annual tuition fee is \$50, the first quarter of which, \$20, must be paid before matriculation.

TULANE COLLEGE.

Tulane College rests upon its High School, of which it is the proper outcome. It covers, with four years of solid collegiate instruction and training, the second great phase of liberal education. Its purpose is to train and discipline the student for the professions or for leadership in the superior walks of the manifold and ever widening spheres of active life.

To attain this high aim every faculty of the mind must be disciplined to work efficiently to its appointed ends. And for this discipline every grand division of the complete sphere of human knowledge should be represented in a rounded plan of academic education. Philosophy, History, Mathematics, the Physical Sciences, Biology and the Languages, which are the expression and embodiment of human thought, all serve as necessary agents in a harmonious evolution of intellect and character, and should all be represented in any scheme or course of study which pretends to give a complete liberal education. To assume, however, that there is only one course which shall do equally well for all, no matter what their intended careers may be, is to take the attitude of the quack who has one nostrum for all human ills.

Not trusting in the ability of immature students, or even of parents unaccustomed to consider the due proportions and sequence of studies, to properly formulate their own ideals in education, Tulane College has now four courses of study, with prescribed branches, each leading to a baccalaureate degree. These courses, though leading to different pursuits in life, are parallel and substantially equivalent in the amount, proportion and exactness of the training and instruction afforded.

In the grouping and succession of studies in these courses, while the opportunity is afforded to obtain such sufficient information in all the great realms of human knowledge as should be considered requisite to a liberal education, still greater regard is had to that rigorous training of the faculties which develops intellectual energy and moral power. It is intended that the degree, which crowns each of these four courses, shall be an honest testimonial to solid acquirements.

The difference in the courses is somewhat in the sequence of the subjects, largely in the amount of the particular branches pursued, and to a certain extent, in the substitution of studies, equivalent in amount, and as nearly so as possible in intrinsic and disciplinary value to the students.

The courses are denominated, respectively, Classical, Literary, Scientific and Engineering. Each has four Classes, which retain the time-honored name of Freshman, Sophomore, Junior and Senior. In each course of study, and in each year of that course, it has been sought, by a proper and logical arrangement of studies, to carry forward the instruction and the training to a given practical end.

The degree of Bachelor of Arts is conferred for the successful accomplishment of the Classical or Literary Course and the Degree of Bachelor of Science for the successful accomplishment of the Scientific or Engineering Course, and students of extraordinary merit may have added to this "with distinction."

CLASSICAL COURSE.—In the Classical Course an attempt is made to preserve the foothold of the ancient languages, Latin and Greek, and to afford to the student willing to submit to their invaluable and unsurpassed mental discipline the opportunity to obtain a solid classical education. Mathematics, including Analytical Geometry, is finished in the Sophomore year.

This course is specially recommended to students aiming at the learned professions.

LITERARY COURSE.—The Literary Course differs from the Classical by the omission of Greek and the substitution of fuller courses of Latin, German, French and Natural Science.

SCIENTIFIC COURSE.—In the Scientific Course the instruction in English and modern languages, and in Political Science and Psychology is very similar to that in the Classical and Literary Courses. Instead of Latin and Greek are substituted a fuller course in Mathematics and an extended course in Physics, Chemistry and Biology, with two years laboratory practice in each.

This course is especially adapted to those who intend to study medicine or pharmacy, or to become Analytical Chemists, or who intend to devote their lives to any more purely scientific work.

ENGINEERING COURSE.—The Engineering Course differs from the Scientific in the greater prominence given to the industrial applications of sciences, to manual training and drawing, and to special technical work in the direction of the student's inclination.

This course is adapted to the needs of those who intend to become Civil, Mechanical, Electrical, Mining or Chemical Engineers. In the Senior Year the equivalent of six hours a week of class work may be selected by the student, with the approval of the faculty, from a number of electives. This is designated in the scheme of studies as "Special Technical Work." The subjects from which selection may be made are Applied Mechanics, Theory of Tools and Materials of Construction, Chemical Laboratory, Physical Laboratory, Applied Electricity, Applied Chemistry and Civil Engineering.

SPECIAL COURSES.

MEDICINE AND PHARMACY.—In order to give an opportunity for special preparation to students of Medicine, a Preliminary Course has been established in the college for their benefit. This is strongly recommended by the Faculty of the Medical Department to all such as have not had the advantage of thorough training in the branches taught in it, and will be received as equivalent to one year's study in a physician's office. These branches are: Physics, Biology (with microscope), Chemistry, Botany, Rhetoric, German and English Literature, with the privilege of attending a class in drawing.

The terms for attendance on this course will be eighty dollars, and it will occupy a session of nine months.

Students who have successfully completed the Commercial Course of the High School, and who desire a further course of study, will be able to enter, with slight adjustment of studies, either the Scientific or Engineering Course.

HEBREW LANGUAGE AND LITERATURE—A special course in Hebrew will be given to students desiring a knowledge of that language, by the Rev. I. L. Leucht, Rabbi of the Touro Synagogue. The great value of this language to scientific students of philology, and its training power, have only recently received their full recognition in a few of the leading American universities. It is now considered as a prerequisite to theology. Prof. Leucht's scientific and practical knowledge of the ancient Hebrew tongue will make his accession to the University a great benefit to those who wish to master this language without a residence at distant seats of learning.

When this course only is taken the fee will be \$25.

The first year's work will comprise Grammar, Reading, and easy selections from Genesis, and the student will be advanced as rapidly as his progress permits.

TULANE COLLEGE AND UNIVERSITY.

FACULTY OF ARTS.

1889-90.

WM PRESTON JOHNSTON, LL. D.,
PROFESSOR OF HISTORY AND POLITICAL SCIENCE.

BRANDT V. B. DIXON, A. M.,
PROFESSOR OF METAPHYSICS.

RICHARD H. JESSE,
PROFESSOR OF LATIN.

ROBERT SHARP, A. M., Ph. D. (Leipsic),
PROFESSOR OF ENGLISH AND GREEK.

I. L. LEUCHT,
PROFESSOR OF HEBREW.

JOHN R. FICKLEN, B. LET. (University of Virginia),
PROFESSOR OF ENGLISH HISTORY AND RHETORIC.

J. HANNO DEILER (Royal Normal College of Munich),
PROFESSOR OF GERMAN LANGUAGE AND LITERATURE.

ALCÉE FORTIER,
PROFESSOR OF FRENCH LANGUAGE AND LITERATURE.

J. L. CROSS, A. B. (Va. Mil. Inst.),
PROFESSOR OF MATHEMATICS.

BROWN AYRES, B. Sc., Ph. D. (Stevens Institute),
(Fellow of John Hopkins University),
PROFESSOR OF PHYSICS.

JOHN M. ORDWAY, A. M. (Dartmouth),
PROFESSOR OF APPLIED CHEMISTRY AND BIOLOGY.

JOHN W. CALDWELL, A. M., M. D.,
PROFESSOR OF CHEMISTRY AND GEOLOGY.

WILLIAM WOODWARD (Massachusetts Normal Art School),
PROFESSOR OF DRAWING.

JOSEPH P. JOOR, M. D.,
PROFESSOR OF BOTANY.

CHARLES G. GILL, Ph. D.,
ASSISTANT PROFESSOR OF GREEK.

DAVID T. LINGLE, B. Sc. (University of Chicago),
ASSISTANT PROFESSOR OF BIOLOGY.

CATALOGUE OF STUDENTS.

Eleventh Annual Session, 1888-89.

UNIVERSITY.

BORDE, GEORGE U. (A. B.).....252 Canal.
 LOWREY, B. G. (A. B.).....Blue Mountains, Miss.
 MAAS, CHARLES O. (A. B.).....Royal and Bienville.
 SCHERCK, LEWIS A. (A. B.).....235 Chestnut.

COLLEGE.

SENIOR CLASS.

NAME.	COURSE.	ADDRESS.	PARENT OR GUARDIAN.
BRADY, CULLEN MILO.....	Lit.....	Waggaman P. O., La..	J. S. Brady.
CARTER, THOMAS.....	Class	163 Delachaise ...	Rev. C. W. Carter.
CHURCHILL, C. ROBERT.....	Mech	1168 St. Charles Ave..	Mrs. M. T. Churchill
DREYFUS, THEOD. WASHINGTON	Lit.....	283 St. Andrew.....	Leon Dreyfus.
GESSNER, HERMANN BERTRAM.	Class	297 Rocheblave.....	Geo. Gessner.
HERO, WILLIAM SOMER.....	Nat Sci..	Third and Camp....	Andrew Hero, Jr.
JURGIELEWICZ, EDW. ADOLPH..	Lit.....	108 Constance.....	W. L. Jurgielewicz
MALOCHEE, HENRY JOSEPH.....	Mech.....	51 Esplanade Aye....	
PATTON, MERCER WILLIAMS...	Nat Sci..	221 Washington Ave..	I W. Patton.
VAUGHAN, THOMAS WAYLAND..	Phys.Sci.	Jonesville, Tex.....	Dr. S. F. Vaughan

JUNIOR CLASS.

BUTLER, GEORGE LACEY.....	Lit.....	398 Carondelet.....	F. N. Butler.
GILL, HENRY MILLER.....	Class....	349 Carondelet	T. M. Gill.
KNOBLOCH, EARLE.....	Lit.....	Thibodeaux, La.....	Clay Knobloch.
PEETE, RICHARD.	Lit.....	Amite City, La.....	Geo. A. Peete.
PARHAM, EUGENE C.....	Mech.....	117 Berlin.....	E. T. Parham.
ROMAIN, ARMAND G.....	Phys.Sci.	349 Marais.....	A. G. Romain.
TEBAULT, CHRISTOPHER H., JR..	Nat. Sci.	7 North.....	Dr. C. H. Tebault.
WOOD, BRINGIER TRIST.....	Class....	287 Marais	Col. R. C. Wood.

SOPHOMORE CLASS.

BOATNER, MARK M.....Lit.....Monroe, La.....Chas. J. Boatner.
 CONRAD, PAUL, JR.....Lit.....266 Bayou Road.....Paul Conrad.
 DAVIS, LEE.....Nat. Sci. Brunswick, Miss.....Mrs. L. M. Davis.
 HARTMAN, JACOB Y.....Nat. Sci. 148 St. Andrew.....H. B. Hartman.
 HARDIE, WILLIAM F.....Class.....229 Jackson Ave.....W. T. Hardie.
 LOMBARD, GERVAIS.....Mech.....270 Felicity.....E. H. Lombard.
 MCGUIRE, NIMROD.....Lit.....Monroe, La.J. E. McGuire.
 REED, WARREN B.....Nat. Sci. Camp and Leontine..L. C. Reed.
 TURNER WILLIAM B.....Lit.....Bienville, La.....Benj. Turner.
 TOBIN, JOHN F.....Class.....414 Esplanade Ave...Mrs. M. F. Tobin.
 VON PHUL, WILLIAM.....Phys.Sci. Port Allen, La.....Mrs. W. Von Phul.
 WATERMAN, ABBOT G.....Phys.Sci. 240 Jackson Ave.....T. S. Waterman.

FRESHMAN CLASS.

AIREY, JOSEPH A.....Mech.....235 Jackson Ave.....T. L. Airey.
 BUTLER, FRANK NLit398 Carondelet.....F. N. Butler.
 BUTLER, PIERCE.....Lit.....Natchez, Miss.....J. P. Butler.
 CALDWELL, JOHN W., JR....Lit.....63 PrytaniaJ. W. Caldwell.
 DINKELSPIEL, EDWARD.....Nat. Sci. 286 PhilipM. Dinkelspiel.
 DUPRE, H. GARLAND.....Lit.....Opelousas, La....Laurent Dupre.
 FAIDY, JOSEPH.....Lit.....400 Tulane AveMrs. F. Faidy.
 FOX, JOHN ANGELL.....Lit.....Jesuit's Bend, La.....Dr R. D. Fox.
 FORSYTH, WM. B.....Class.....215 Louisiana Ave...H. D. Forsyth.
 GENELLA, ALPHONSE.....Lit.....Soniat and Coliseum.Chas. Genella.
 HYNES, EDWARD.....Phys.Sci. 9 Music.....John Hynes.
 HUGUET, CHARLES KPhys.Sci. 314 Carondelet.....H. S. Bell.
 KENNEDY, JOHN L.....Lit.....326 Camp.....H. A. Kennedy.
 LOMBARD, JOHN E.....Mech.....270 Felicity.....E. H. Lombard.
 MCGUIRE, MARION H.....Lit.....Monroe, La.....J. E. McGuire.
 MCCAULEY, THOMAS.....Class.....580 St. Charles Ave...E. H. McCal. b.
 NEWMAN, HAROLD W.....Lit.....55 PrytaniaM. W. Newman.
 O'KELLY, JAMES P.....Lit.....Ashwood, La.....J. B. O'Kelly.
 PERKINS, W. M..Class.....109 Coliseum.....Mrs. B. Perkins.
 PATTON, CHARLES S. L.....Class.....Lisbon, La.....Mrs. N. A. Patton.
 RICKEY, HENRY W.....Nat. Sci. 492 Camp.....R. S. Rickey.
 RAPP, JAMES H.....Class.....Vicksburg, Miss.....J. K. Rapp
 RICHARDSON, WILLIAM C.....Mech ...247 Felicity.....J. B. Richardson.
 RICHARDSON, JOHN S.....Mech ...247 Felicity.....J. B. Richardson.
 RICHARDSON, THOMAS F.....Phys.Sci 279 FoucherH. B. Richardson.
 ROSEN, CHARLES.....Lit.....Bayou Sara, La.....Mrs. D. Alexander.

SEEMAN, EDGAR G. Nat. Sci. 327 St. Charles ave... Geo. Seeman.
 SEMMES, THOMAS J., JR. Lit. 20 S. Rampart Thos. J. Semmes.
 THIBAUT, P. ARTHUR. Class 12 St. Anne Jas. Thibaut.
 THOMAS, JOHN RIDGELY. Mech. 240 Esplanade Ave... Gen. A. Thomas.
 VERGES, JOHN F. Class 181 Girod Dr. F. Loeber.
 WALLS, WILLIAM E. Lit. Algiers, La. Richard Walls.
 WIGHT, IRA E. Mech. 290 Prytania Pearl Wight.
 WILLIAMS, SCOTT L. Lit. 22 Conery Mrs. E. S. Williams.
 WILLIAMS, JOHN OSCAR. Class Lisbon, La. E. A. Williams.

SPECIAL.

GROETSCH, GEO. W. 109 Jackson Ave.
 HERNSHEIM, FRANK. 963 St. Charles Ave.
 HAYWARD, SAWYER, JR. 177 Annunciation.
 KUPETZ, FRANK A. 69 Bourbon.
 KREEGER, SAMUEL G. Peniston and Perrier.
 LEOVY, FRANK A. 221 Jackson.
 MEHLE, ALLEN. Jackson and St. Charles Ave.
 PERKINS, H. Z. E. 135 Delachaise.
 PERKINS, ROBT. J., JR. Carrollton, La.
 WARE, J. STONE. Dorcyville, La.
 WILLIAMS, CHAS. M. Carrollton, La.

RECAPITULATION.

University Students. 4

COLLEGE.

Senior Class. 10
 Junior Class. 8
 Sophomore Class. 12
 Freshman Class. 35
 Special. 11
 Total 80

TITLED GRADUATES.

SESSION 1882-'83—UNIVERSITY OF LOUISIANA.

SIDNEY PHILIP DELAUP.....	Bachelor of Science.
ARSENE PERRILLIAT.....	“ “
ARTHUR SEAVER WHEELER.....	“ “
ARTHUR SEAVER WHEELER.....	Bachelor of Arts.
CHARLES BURKE STAFFORD.....	Bachelor of Literature.

SESSION 1883-'84—UNIVERSITY OF LOUISIANA.

ROBERT GEORGE URQUHART BORDE.....	Bachelor of Arts.
JOHN FREDERICK FREEBORN GROENEVELT.....	“ “
CHARLES GRANDISON GILL.....	Bachelor of Literature.

1884-'85—TULANE UNIVERSITY.

ALPHONSE F. DELBERT.....	Bachelor of Science.
BOLLING A. POPE, JR.....	“ “
ALFRED RAYMOND.....	“ “
ROBERT GEORGE URQUHART BORDE.....	Master of Arts.
CHARLES GRANDISON GILL.....	“ “
JOHN FREDERICK FREEBORN GROENEVELT.....	“ “
ARTHUR SEAVER WHEELER.....	“ “

1885-'86.

ROBERT A. HOLLAND, JR.....	Bachelor of Arts
FRANK EDWARD E. RAINOLD.....	“ “

1886-'87.

HAMPDEN SIDNEY LEWIS.....	Bachelor of Arts.
WILLIAM CHARLES MCLEOD.....	“ “
CHARLES GRANDISON GILL.....	Doctor of Philosophy.

1887-'88.

GEORGE URQUHART BORDE.....	Bachelor of Arts.
JOHN DYMOND, JR.....	“ “
ERASMUS DARWIN FENNER.....	“ “
CHARLES OSCAR MAAS.....	“ “
LEWIS ALCUS SCHERCK.....	“ “
WALKER BRAINERD SPENCER.....	“ “

1888-'89.

CULLEN MILO BRADY.....	Bachelor of Arts.
THOMAS CARTER.....	“ “
THEODORE WASHINGTON DREYFUS.....	“ “
HERMANN BERTRAM GESSNER.....	“ “
EDWARD ADOLPH JURGIELEWICZ.....	“ “
MERCER WILLIAMS PATTON.....	“ “
CHARLES ROBERT CHURCHILL.....	Bachelor of Science
WILLIAM SOMER HERO.....	“ “
HENRY JOSEPH MALOCHEE.....	“ “
THOMAS WAYLAND VAUGHAN.....	“ “

TULANE COLLEGE.

CLASS.	CLASSICAL COURSE.	Hours per Week.	LITERARY COURSE.	Hours per Week.	SCIENTIFIC COURSE.	Hours per Week.	ENGINEERING COURSE.	Hours per Week.
SENIOR	Psychology.....	5	Psychology.....	5	Psychology.....	5	Psychology.....	5
	Political Science and Rhetoric (½ year each).....	3	Political Science and Rhetoric.....	3	Political Science and Rhetoric.....	3	Political Science and Rhetoric.....	3
	German.....	3	Latin Literature.....	1	German.....	3	German.....	3
	Latin.....	3	Latin.....	3	Biological Laboratory.....	6	Special Technical Work.....	6
	English.....	3	English.....	3	Chemical Laboratory.....	9	Analytical Mechanics.....	3
JUNIOR	Greek.....	3	Biography.....	3	Physical Laboratory.....	6		
	Latin.....	4	Latin.....	4	Chemical Laboratory.....	6	Mathematics.....	3
	Greek.....	4	French.....	4	Physical Laboratory.....	6	Physical Laboratory.....	6
	German.....	3	German.....	3	German (begin).....	3	German (begin).....	3
	History (to Christmas) and English.....	3	History and English.....	3	History and English.....	3	History and English.....	3
SOPHOMORE	Chemistry.....	4	Chemistry.....	4	Chemistry.....	4	Chemistry.....	4
			Geology.....	2	Geology.....	2	Geology.....	2
			Geology.....	2	Mathematics (½ year).....	3	Chemical Laboratory.....	6
					Mathematics.....	3	Manual Training.....	4
	Latin.....	3	Latin.....	3	Astronomy.....	2	Astronomy.....	2
FRESHMAN	Greek.....	3	German.....	3	Biology.....	3		
	English (half year).....	3	English (half year).....	3	English.....	1½	English.....	1½
	Mathematics (half year).....	3	Mathematics (half year).....	3	Mathematics.....	6	Mathematics.....	6
	French.....	3	French.....	3	French.....	3	Manual Training and Drawing.....	6
	Physics.....	4	Physics.....	4	Physics.....	4	Physics.....	4
FRESHMAN	Ancient History.....	2	Ancient History.....	2	Ancient History.....	2	Ancient History.....	2
	Rhetoric.....	1	Rhetoric.....	1	Rhetoric.....	1	Rhetoric.....	1
	Latin.....	4	Latin.....	4	Drawing.....	6	Drawing.....	6
	Greek.....	4	German.....	3	Biology.....	3	Biology.....	3
	Rhetoric and English.....	3	Rhetoric and English.....	3	Rhetoric and English.....	3	Rhetoric and English.....	3
FRESHMAN	French.....	4	French.....	4	French (begin).....	4	French (begin).....	4
	Mathematics.....	5	Mathematics.....	5	Mathematics.....	5	Mathematics.....	5
			Manual Training.....	6	Manual Training.....	6	Manual Training.....	6
					Ancient History.....	2	Ancient History.....	2

Detailed Statement of Work in the Several Courses.

HISTORY AND POLITICAL SCIENCE.

History, as the record of the most important phenomena of humanity, furnishes material for thought in almost every line of study, stimulates the imagination and furnishes examples and warnings in practical conduct, in a word is "philosophy teaching by example." As such it occupies a central position in any scheme of liberal education, and, in view of its extent and value, should be pursued as a continuous study from the beginning to the end of the student's career. In the High School, English and American History are taught in connection with the English Language and Literature, and French History in connection with the French Language and Literature, and also Greek and Roman History by the Head Master.

In the College Ancient History is taught by consecutive steps in the Freshman and Sophomore Classes by the Professors of Greek and Latin, and English History by the Professor of English History in the Junior Class. French History and German History are taught in their respective classes. The Senior Class attend a course of about fifty Lectures by the President, on Political Science and the History of Civilization.

FRESHMAN CLASS: Church's Stories from Virgil; Gilman's Story of Rome, Church's Stories from Livy; Volumes from the "Epochs of Ancient History;" De Quincey's Cæsars. Some attention is given to special investigations by the class in the Library, and also to Map Drawing.

SOPHOMORE CLASS: Smith's Larger History of Greece. Helpful books are suggested by the Professor for parallel reading.

JUNIOR CLASS: D. H. Montgomery's Leading Facts of English History (used as a basis of work.)

SENIOR CLASS: Lectures by the President. Books of Reference, Guizot's History of Civilization; Sir Henry Maine's works; Tylor's Anthropology; Spencer's Sociology; Hegel's Philosophy of History; Woolsey's International Law; De Tocqueville's Democracy in America.

MENTAL SCIENCE.

PROFESSOR DIXON.

The study of Mental Science is undertaken by the Senior Class: Psychology and the History of Philosophy, each being studied one-half of the collegiate year. The method of instruction which is believed to be the best adapted to the subject, and which is therefore adopted, is a combination of lecture, recitation and discussion. The professor meets his class five times a week throughout the session.

Text-Books: Psychology, John Dewey; History of Philosophy, Schwegler, translated by J. Hutchinson Stirling.

LATIN.

PROFESSOR JESSE.

Latin is taught in the Classical and Literary Courses.

In the Freshman Class it is assumed that the student has gained some knowledge of the inflections of words, and has read at least five books of Cæsar de Bello Gallico, or an equivalent amount of other prose.

FRESHMAN CLASS.

The Forms of the language are carefully reviewed, and the prominent facts of the Syntax, as they occur in the daily readings, are explained orally. Some elementary instructions are given in Mythology. The study of Metre is confined to the Hexameter. One exercise (rendering English into Latin) and four recitations a week.

Text-Books: Gildersleeve's Latin Grammar; Gildersleeve's Latin Exercise Book; Keightley's Mythology.
Authors Read: Ovid; Virgil.

SOPHOMORE CLASS.

In Grammar, the first half-session is given to Forms, the second half-session to Syntax. The History of the Roman people to the time of the Gracchi is studied with the aid of a full set of Kiepert's wall maps, and the Geography of the countries that composed the Roman Empire is emphasized by constant practice in Map-drawing. The course of study includes the Metres of Catullus.

One exercise (rendering English into Latin) and three recitations a week.

Text-Books: Gildersleeve's Latin Grammar; Gildersleeve's Latin Exercise Book; Leighton's History of Rome.
Authors Read: Cicero; Catullus.

JUNIOR CLASS.

In Grammar, attention is directed wholly to Syntax. The History is continued to the year A. D. 476. The Metres of Horace receive thorough treatment. One exercise and four recitations a week.

Text-Books: Gildersleeve's Latin Grammar; Gildersleeve's Latin Exercise Book; Leighton's History of Rome.
Authors Read: Horace; Livy

SENIOR CLASS.

Roman Antiquities; Review of the entire Grammar; Notes on parts of Latin Syntax. One (original) exercise and three recitations a week. The students in the Literary Course will give one hour a week additional to a fuller consideration of the History of Latin Literature, with Cruttwell as general guide.

The Judah Touro Medal will be awarded to the author of the best original essay, written in Latin.

Text-Books: Becker's Gallus; Gildersleeve's Latin Grammar.

Authors Read: Tacitus; Juvenal; Plautus.

Every student is expected to provide himself with—
Harper's Latin Dictionary, or Andrews' Lexicon, and also with Ginn & Co.'s, or
Kiepert's Classical Atlas (6th Berlin edition.)

GREEK.

PROFESSOR SHARP.

The study of the Forms and Syntax will be thorough, and will be continued until they are well mastered. The history of the people and of the literature, the mythology, and the antiquities will be studied with the best available helps. The course of reading will be comprehensive; and by the method used it is intended to give as great a facility as possible in translating readily into English, and to make the student at the same time familiar with the beauty and strength of the language, and with the wisdom and power of the ancient masterpieces. It is designed, by the study of word-formation, and by the constant comparison of the various processes of Greek Grammar and Greek Rhetoric with the corresponding processes in other languages, and by the cultivation of the practice of translating into the nearest equivalent of strong, correct, idiomatic English, to give to the study of Greek a usefulness even beyond its apparent limit.

This language is studied only in the Classical Course.

Text-Books:

COLLEGE.

FRESHMAN CLASS: Hadley's Grammar; Jones' Exercises in Greek Prose Composition (completed); Lysias; Herodotus.

SOPHOMORE CLASS: Hadley's Grammar; Mahaffy's Old Greek Life; Boise's Exercises in Greek Syntax; Homer; Demosthenes; Lucian; Reading at Sight (Kendrick).

JUNIOR CLASS: Jebb's Greek Literature; Goodwin's Greek Moods and Tenses; Thucydides; Euripides; Sophocles; Reading at Sight; Original Exercises.

SENIOR CLASS: Aristophanes; Æschylus; Plato; Murray's Mythology.

LEXICONS: Liddell & Scott's Greek-English Lexicon (seventh edition); Yonge's English-Greek Lexicon; Autenrieth's Homeric Dictionary.

ENGLISH.

PROFESSOR SHARP.

The scientific study of English, stimulating, as it does, original thought, and providing a greater power of comprehension and expression of thought, offers the best, almost the necessary introduction and

accompaniment to the work in the other branches of collegiate education. But apart from this, the careful and extended study of English as an end in itself, is of the greatest advantage to the student, whatever may be his aim in life. In practical value our own tongue must, of course, outweigh all others, modern or ancient; and, as a means of mental training, the study of English is perhaps inferior to no other process. Certainly, wherever English is spoken, the study of English should occupy a leading place.

In this course, the study of Literature and the study of the Language are combined. Selections from representative authors, from the 19th century back to the Anglo-Saxons, will be read and treated with reference to the two-fold end in view. That is, it is designed:

1. That the student shall learn the extent and richness of the English Literature as a whole, and shall acquire a knowledge of the more important points in detail. Stress is laid upon the careful reading and correct interpretation of the works taken up, while the place and importance of each as a part of the whole is considered. Annotated texts and notes by the professor will furnish help where it is needed.

2. That, at the same time, the student shall be able to observe, in what he reads, the development of our composite language, and to trace the history of our idioms and of our words and inflections. The textbooks in philology and the history of the language supplement the course in this application.

The study of language, if divorced from literature, if made the study of words and not of speech, must become dry and lifeless; language may be best studied when performing its one legitimate function, expressing thought. So, too, if we would make our own all that literature offers us, we must thoroughly acquaint ourselves with the means of expression; hence the propriety of the plan here followed.

FRESHMAN CLASS: Shaw's History of English Literature. Selected Works from the writers of the best English prose are read. This class is taught at present in the History and Literature Course.

SOPHOMORE CLASS: Period from Shelly back to Dryden. The reading is chiefly from the poets. Peile's Philology.

JUNIOR CLASS: Dryden; Milton; Bacon; Shakspeare. Parts of Lounsbury's History of the English Language.

SENIOR CLASS: Spencer; Chaucer; Studies from some of the Victorian Poets; Anglo-Saxon Grammar and Reader.

Selected works in prose and in poetry are assigned in each class for parallel reading. Particular attention is paid to English metres. Essays upon the selections read are required from time to time.

ENGLISH HISTORY AND RHETORIC.

PROFESSOR FICKLEN.

Under the direction of this chair there are two lines of study, one in English History and one in Rhetoric. The latter begins in the Freshman Class with a simple, practical work on Rhetoric; and short essays in the different kinds of composition are made to illustrate the principles acquired in the text-book. These essays, becoming more difficult in the higher classes, are continued till the student graduates. In the Senior Class, work requiring some research is given, and an attempt is made to develop any vein of originality that a student may possess. Here a Manual of English prose (designed to show the characteristics of style) accompanies the course, and extensive extracts from the works of Macaulay, De Quincey, Carlyle, and other writers are read and criticised.

In the Sophomore Class, English History is taught. Students are required to examine various works on history, and give the result of their investigations in the form of essays. Rhetoric and English History are studied in all the courses.

The text-books are:

FRESHMAN: J. S. Clark's Practical Rhetoric; Herbert Spencer's Philosophy of Style; DeQuincey's Essay on Style.

SOPHOMORE: Aenungs' Rhetoric; "Sir Roger de Coverley."

JUNIOR: D. H. Montgomery's Leading Facts of English History (used as a basis of work); McCarthy's "Our Own Times." For reference: Hume, Freeman, Froude, Macaulay, Green, Knight.

SENIOR. Minto's Manual of Prose Literature; the works of DeQuincey, Macaulay, Carlyle.

GERMAN.

PROFESSOR DEILER.

In the College there are two different Courses of German. In the *Literary* Course German begins in the Freshman year and is continued for three years.

LITERARY COURSE.

FRESHMAN CLASS: German Grammar: Narrative Prose.

SOPHOMORE CLASS: Grammar completed; Selections from various authors; German Composition, Conversation, Geography and History of the German Empire.

JUNIOR CLASS: Review of Grammar; History of German Literature; Conversation; Composition; Lectures on and selections from the principal authors of the different periods; Nibelungenlied, Gudrun, Parival, Walther von der Vogelweide, Tell, Hermann and Dorothea, Minna von Barnhelm, Faust.

Nothing but German is spoken in this class and every effort is bent toward giving the student the ability to express himself in German in *speaking* as well as in *writing*.

There is also a two years' Course of German in the College, which extends over the Junior and Senior years. This course is obligatory for all students except those of the Literary Course and those of the Commercial and Mechanical Courses who took the three years' German Course of the High School. In this two years' course the student will master the principles of Grammar, acquire by reading a fair vocabulary, and be able to understand the *written* and *printed* languages accurately and readily.

FIRST YEAR: (Joyner-Meissner's Grammar); Political History and Geography of the German Empire.

SECOND YEAR: (Joyner-Meissner's Grammar); Gostwick and Harrison's History of German Literature; Selected Plays of Schiller, Lessing and Goethe.

The selections read in the Senior classes of all the courses will be changed from year to year.

FRENCH.

PROFESSOR FORTIER.

In a city like New Orleans, where so many persons speak French, and where we meet at every step with the souvenirs of the early colonists, the French language must be taught, as far as possible, like a mother tongue. French is not a foreign language in Louisiana, and the way of teaching it must vary from that of the other colleges in the United States. The course must be theoretical and scientific, but above all, literary and practical. Our graduates must know thoroughly the geography, history and literature of France, and must be able to speak the language to those whom they meet in their daily pursuits, and many of whom, in the country parishes, speak very little English.

In the High School, French is optional with German, in the Mechanical and Commercial Courses, and begins in the Preparatory Class. It is continued through the three years of the High School. Those students who take the Mechanical Course in the High School will continue their French two years in the College.

If German is chosen instead of French, the latter is taken in the Freshman and Sophomore Classes of the College.

In the Classical, Scientific and Engineering Courses, the instruction in French begins in the Freshman Class, and ceases after the second or Sophomore year. In the Literary Course the instruction extends a year longer, and is then entirely scientific and literary. Historical grammar is taught, and the professor lectures on French Literature, defining clearly to the students the different epochs in literature, such as Old French, Middle French and Modern French.

By referring to the following course the method of instruction can be readily understood.

In the Freshman year the pupil learns the grammar of the language and the history of France, has his ear accustomed to the French sounds, and can read any light work, such as a tale or a comedy. He is thus prepared for the Sophomore class, in which, in his French studies, he abandons completely all books written in English, and studies the best works used in the schools of France. The reading consists of the best works of the seventeenth and eighteenth centuries. In the Junior class three hours a week are devoted to French, so that the students who have heard nothing spoken in class but French for two sessions have learned how to speak the language and how to write it.

For candidates for the degree of Master of Arts, a class in French will be established for a critical study of the oldest texts in old French, and with lectures on comparative philology of Romance languages.

Students from the country and neighboring States may obtain board in French families where French is correctly spoken, and the Faculty will aid them in making such arrangements.

FRESHMAN CLASS: Whitney's Practical French Grammar; Montgomery's Leading Facts of French History; Labiche et Martin: "La Poudre aux Yeux"; Fontaine's "Historiettes Modernes"; Price's Choix d'Extraits de Daudet; A. Fortier: "Sept Grands Auteurs du Dix-Neuvième Siècle"; Souvestre's "Confessions d'un Ouvrier"; H. de Bornier: "La Fille de Roland."

Two exercises and four recitations a week.

SOPHOMORE CLASS: Larive et Fleury: Troisième Année de Grammaire; Sadler's Translating English into French; Littérature Française de Ricard; Corneille: "Cinna," "Polyeucte"; Racine: "Phèdre"; Molière: "l'Avare," "le Misanthrope"; Boileau: "l'Art Poétique"; Voltaire: "Zaïre"; Voltaire's Prose.

Dictation, one exercise, and three recitations a week.

JUNIOR CLASS: Brunot's "Grammaire Historique de la Langue Française"; Clédat's "Morceaux Choisis des Auteurs Français du Moyen Age"; Curme's Lamartine's Meditations; F. F. Crane: "le Romantisme Français"; V. Hugo: "Hernani," "Ruy Blas."

One original exercise and three recitations a week.

DICTIONARIES: Spiers and Surenné's, or Masson's.

MATHEMATICS.

PROFESSOR CROSS.

To enter the Freshman Class a knowledge of Algebra and Plane Geometry is required. This class will assemble five times a week for recitation. A rapid review of the Algebra, and the study of Solid Geometry will be the work of the first term. Plane and Spherical Trigonometry, Surveying and Leveling, and Navigation will be studied during the second term of the session.

Field Practice will be given, sufficient to familiarize the student with the use of the Compass, Level and Transit.

Students in the Sophomore Class will have five recitations a week. They will study Conic Sections, and Analytical Geometry of Three Dimensions, the first term. This completes the Mathematics for students in the Classical and Literary Courses. Those in the Scientific and Engineering Courses will take Differential and Integral Calculus during the second term.

In the Junior Class, students in the Scientific and Engineering Courses will study Descriptive Geometry, and Shades and Shadows, five times a week during the first term.

Text-Books:

FRESHMAN CLASS: Wentworth's Plane and Solid Geometry; Wentworth's Complete Algebra; Loomis' Trigonometry and Logarithms (Revised Ed., 1886).

SOPHOMORE CLASS: Loomis' Analytical Geometry; Clark's Differential and Integral Calculus.

JUNIOR CLASS: Church's Shades and Shadows; Lectures.

APPLIED MATHEMATICS.

PROFESSOR, —————.

Analytical and Applied Mechanics are taught in the Engineering course in the Senior year. The principles of Analytical Mechanics are fixed in the mind by continual exercise on problems. In Applied Mechanics, the aim is to give students a general and practical knowledge of the mechanics of structures and machines. The leading topics considered are the various kinds of frames, the straining actions on loaded beams and structures, the geometry of gearing, the dynamics of the steam engine and other motors, frictional resistances, stiffness and strength of materials, etc. The text books are: In Applied Mechanics, Cotterill, and in Analytical Mechanics, Wood or Michie.

PHYSICS.

PROFESSOR AYRES.

The instruction in Physics begins in the Sophomore year, four hours a week being given to it by the students in all the courses. The instruction consists of fully illustrated experimental lectures, recitations on the lecture notes and on the text, and the solution of numerous practical problems. A full presentation is given of the applications of physical principles that are now so important in the arts. The steam engine, the telegraph, the telephone, the electric light, the electric motor, the theory and use of the sugar polariscope, all receive due attention. Every

needed appliance is at hand for the projection of diagrams, pictures, experiments, microscopic objects. etc., either by sunlight or by the lantern, and frequent use is made of this very satisfactory method of class demonstration. The scientific students are very thoroughly drilled on the application of the simpler mathematics to the solution of physical problems.

In the Junior year, the students in the Scientific and Engineering courses have six hours a week of laboratory work. For the first half-session the work consists of the exact study of units, comparisons of units, precise weighings, determinations of density, the establishment of the laws of elasticity, capillarity and radiant heat, barometric readings and reductions, determinations of the intensity of gravity, standardizing and calibration of thermometers, determinations of specific and latent heats, vapor densities, expansions, etc. For the second half-session the work consists of optical, electrical and magnetic measurements, introductory to the higher work in these subjects in the Senior year.

In the Senior year the students in the Scientific course, and those in the Engineering course that may choose physical laboratory work as one of their electives, have six hours a week in optical, electrical and magnetic measurements. They determine refractive indices, angles of crystals, wave lengths, focal lengths and radii of curvature of lenses and mirrors, and establish the laws of the interference and diffraction of light. They study spectrum analysis and map prismatic and diffraction spectra, learn the use of the microscope, and study with some degree of thoroughness the subject of polarized light. In electricity and magnetism, they determine galvanometer constants, measure resistances of conductors and batteries, electromotive forces and potentials, capacities, insulation resistances, magnetic declination and intensity, etc.

In addition to the usual facilities, the lecture room and laboratory are supplied with electric current for arc and incandescent lights and for electric motors. This current is under perfect control by means of large resistance coils of German silver and iron wires, by which any current up to fifty or more ampères can be obtained with great ease.

The text-books are:

SOPHOMORE CLASS: Kimball's Olmstead's Natural Philosophy.

JUNIOR CLASS: Stewart and Gee's Practical Physics, volumes I, II and III.

SENIOR CLASS: Stewart and Gee's Practical Physics, volumes II and III.

PHYSICAL APPARATUS.

The instrumental equipment of the Department of Physics is very good and in some directions it is quite full and excellent. The instruments are of the most approved forms, and are from the best makers of this country and Europe.

The apparatus is principally from the following celebrated makers: Ritchie, Queen, Green and Becker in this country; Browning, Patterson and Cooper, and Elliott Brothers, London; Duboscq, Hoffman, Carpentier, DeMeritens and Breguet, Paris; Edelmann, Munich; Rueprecht, Vienna; Société Générale, Geneva. It is selected with special reference to accurate measurement, and there is sufficient duplication to allow of the successful working of classes in the laboratory. It is believed that in these respects it is not excelled by any similar equipment in the South.

A well-equipped workshop, run by an electric motor, adjoins the laboratory, and an assistant is almost constantly employed in the manufacture, repair and modification of apparatus.

APPLIED ELECTRICITY.

PROFESSOR AYRES.

In addition to the laboratory work and theoretical instruction in Electricity and Magnetism, there is a course of lectures and practical demonstrations and exercises on the application of Electricity to lighting and the distribution of power, and to telegraphy and telephony. This work is an elective in the Senior year of the Engineering course, but is also open to special students.

In these lectures the subject is treated from a practical, yet thoroughly scientific, standpoint and the student that has successfully completed the course, in addition to the laboratory and other electrical work referred to above, is well equipped for an electrical career.

For the purposes of this course, the laboratory has a number of dynamos and motors of different forms and capacities, and a variety of telephonic and telegraphic apparatus. Among the more prominent of these machines may be mentioned a seven and a half horse power Sprague motor, a one horse power De Meritens machine, a small Gramme machine, and two Edison dynamos with all accessories, which are installed so as to form a complete model three-wire system, with its lamps, mains, feeders, pressure wires, amperemeters, indicators, etc. A number of amperemeters and voltmeters including two tangent galvanometers of about three feet in diameter, give the means for the measurement of heavy currents and high potentials.

The practical work includes the testing of the machines for conductor and insulation resistance, the study of the law of the electromagnet in dynamo machines, the determination of the strength of field in absolute measure, the mapping of the characteristics of shunt, series and compound machines, the determination of the electrical and commercial

efficiencies of dynamos and motors, the determination of the candle powers of arc and incandescent lights and the study of the influence on them of varying conditions of position and potential, etc.

In the lectures, the theory of all these subjects is fully treated, and methods of distribution, construction and regulation are discussed from the economic standpoint. Increased attention will be given during the session of 1889-'90 to the subjects of distribution by alternating currents and transformers, to alternating current motors and to storage batteries. The course is based upon Thompson's Dynamo-Electric Machinery, but frequent reference is made to the works of Kapp, Hopkinson, Esson, Dredge, Hering, Kennedy, Preece, Prescott and others, and to the current electrical literature. Meetings will be held at intervals for the discussion of current publications and enterprises.

CHEMISTRY.

PROFESSOR CALDWELL.

This subject is taken up in the Junior year, where four hours a week are given to it by all the students. The whole subject of Inorganic and Organic Chemistry is here covered with as much completeness as the time will allow. The lectures are very fully illustrated by experiments, and problems on the cost of manufacture and the quantitative relations of products to the materials from which they are made, form a radical feature of the course. Special attention is directed to the relations of Chemistry to the industries of the country. The reduction of ores, the processes of dyeing and bleaching, the manufacture of iron and steel, of porcelain and pottery, of explosives, of soaps and of starch and glucose are all noticed incidentally. The chemistry of sugar-making receives special attention, as well as that of foods and vegetation in general. The students of the Scientific and Engineering courses have, in addition to this class, six hours a week of laboratory practice. They repeat in the laboratory a selected number of lecture experiments, prepare a series of the salts of the metals, and thus become familiar with the ordinary mechanical operations of the laboratory. They also gain some insight during the year into qualitative and blow-pipe analysis.

In the Senior Class the students of the Scientific Course have nine hours a week of laboratory practice throughout the year. They complete the subject of Qualitative Analysis, and pursue a course of Quantitative Gravimetric and Volumetric Analysis, and have some practice in Organic Analysis. Instruction will also be given in Assaying by dry and wet methods. Those who desire may give some attention to sugar-testing and analysis, by both polariscopic and chemical methods. It is proposed to devote some time in this connection, to the subjects of Crys-

tallography and Mineral Analysis, thus making the Chemical Laboratory complementary to the study of Mineralogy.

Text-Books: Bloxam's Chemistry; Jones' Practical Chemistry; Thorp's Quantitative Analysis.

For reference: Fresenius' Qual. and Quant. Analysis; Sutton's Volumetric Analysis; Tucker's Sugar Analysis; Mitchell's Manual of Practical Assaying.

CHEMICAL LABORATORY.

The laboratory has recently been enlarged and is capable of accommodating about thirty students, working simultaneously. It is conveniently fitted up, and is sufficient for the present needs of the Institution. The apparatus is being enlarged and improved from year to year; an important addition lately made is an electrical arrangement, whereby electrolytic processes are able to be very expeditiously and conveniently conducted.

APPLIED CHEMISTRY.

Engineering students and graduates who intend to devote themselves to arts in which chemistry is concerned, will receive special laboratory instruction in Applied Chemistry under Prof. Ordway, who has had many years' experience in the management of large chemical manufactures. Particular attention will be directed to investigations, having reference to economy and excellence of production.

For convenience in obtaining steam, and handling fuel, the operations will be carried on for the present on the premises of the mechanical workshops.

As the industries of our country are extending there is an increasing demand for expert chemists and metallurgists; and it is hoped that some of our students will find in the chemical arts a good field for their life work.

ASTRONOMY AND GEOLOGY.

PROFESSOR CALDWELL.

Two hours a week, during the entire year, are devoted to Astronomy, by the Scientific and Engineering Sections of the Sophomore Class. It is proposed to make this study as practical as possible; such subjects as determination of Terrestrial Latitude and Longitude, Right Ascension and Declination, will be specially emphasized, and meetings at night will be arranged to study the face of the heavens.

Geology will occupy the attention of the Junior Class for two hours a week throughout the entire year. The course will be conducted by text-book, lectures and illustrations, and, when possible, practical field

work. It will be the aim of the Professor to impress the facts and principles involved in Dynamical Geology—to make real to the mind the theory of the Earth's gradual passage from one stage of its history to another, by the agency of forces such as are now seen to be operating in the world around; to study the Earth's structural character and relations, and to show how, from these, a historical view may be obtained of this developing globe; to consider organic life, as it is expressed in the fossils of the various strata, and to discover, if possible, the connection between the successive fauna and flora; also to indicate the practical value and results of the science. The important subject of Mineralogy and Lithology will receive as much attention as time will allow. All the divisions of the course will be fully illustrated by the use of the collections of the Museum of this Institution.

Text-books: Young's or Newcomb & Holden's Astronomy; Le Conte's Elements of Geology; Dana's Mineralogy and Lithology.

For reference: Dana's & Geikie's Geology; Brush's Determinative Mineralogy.

BIOLOGY.

ASSISTANT PROFESSOR LINGLE.

Biology, including botany and zoölogy, is taught by lectures, topical readings, and laboratory exercises. As far as possible the living organisms are made the direct object of study. Starting, according to the natural method, with objects within reach and easily examined, phanogamic botany is taken up first, attention being given to external forms and morphological relations. Systems of classification are then studied with less reference to determining names than to give a familiarity with natural affinities and a facility in locating species, which will be referred to in subsequent investigations. In the next place the anatomical structure of organs and tissues is observed with the aid of the microscope, and much time is devoted to the examination of the lower forms of life. Cryptogamic botany and invertebrate zoölogy prepare the way for the consideration of the progressive development—rather than the blind evolution—of organic beings. The various organic functions, assimilation, secretion, growth, reproduction, circulation, respiration, sensation, reflex action, and voluntary motion, are taken up later on, after the pupils have received the necessary preparation by learning the principles of chemistry and physics.

In proportion to the extent and interest of the subject, the time which can be devoted to it in any of the courses is necessarily much restricted, and the aim must be, not to instil a great amount of knowledge, but to train the pupil's power of observation and to teach him how to use the various laboratory appliances and to study and investigate for himself.

The laboratory is furnished with a variety of microscopes and accessory apparatus, and a very full biological library is at hand for reference. The very short duration of winter in lower Louisiana renders it possible to obtain material for study at all times. As biology materially culminates in human physiology, a special course of lectures will be given on physiology, hygiene and sanitary science.

DRAWING.

PROFESSOR WOODWARD.

Drawing is continued in the College, except in the Classical and Literary Courses. To students of the Scientific and Engineering Courses mechanical drawing and design are of great practical as well as disciplinary value. In the Scientific Course pupils are expected to practice drawing in connection with the work of the Biological Laboratory, as it is of great service in training the mind to nicety in observation. The advanced work in drawing will be varied to meet the special needs of the student.

MECHANICAL WORK.

PROFESSOR ORDWAY.

In the Scientific and Engineering Courses the shopwork of the High School is continued through the Freshman year. This advanced work includes forging, chipping and filing iron and lathe work. In the Senior year the students of the Engineering Course attend lectures on Tools, Manufactures and Materials of Construction.

For those who are looking forward to the mechanical engineering profession opportunity is also offered for experimental work in the production, management and testing of steam, and in the use of the steam engine indicator.

The shop work, drawing, and some experimental work, are carried on in the well-lighted and ventilated building at the corner of Lafayette and Dryades streets. Representations of some of the rooms are given in the following pages.

The carpenter shop is furnished with thirty independent benches, each supplied with a set of all the tools required. The wood-turning room, which receives power from below, is provided with thirty lathes and pattern-making benches, two jig saws, a grindstone, a large pattern-maker's lathe, a buzz planer, a circular saw. The two last machines the students are not allowed to use, except under the immediate supervision of the instructor.

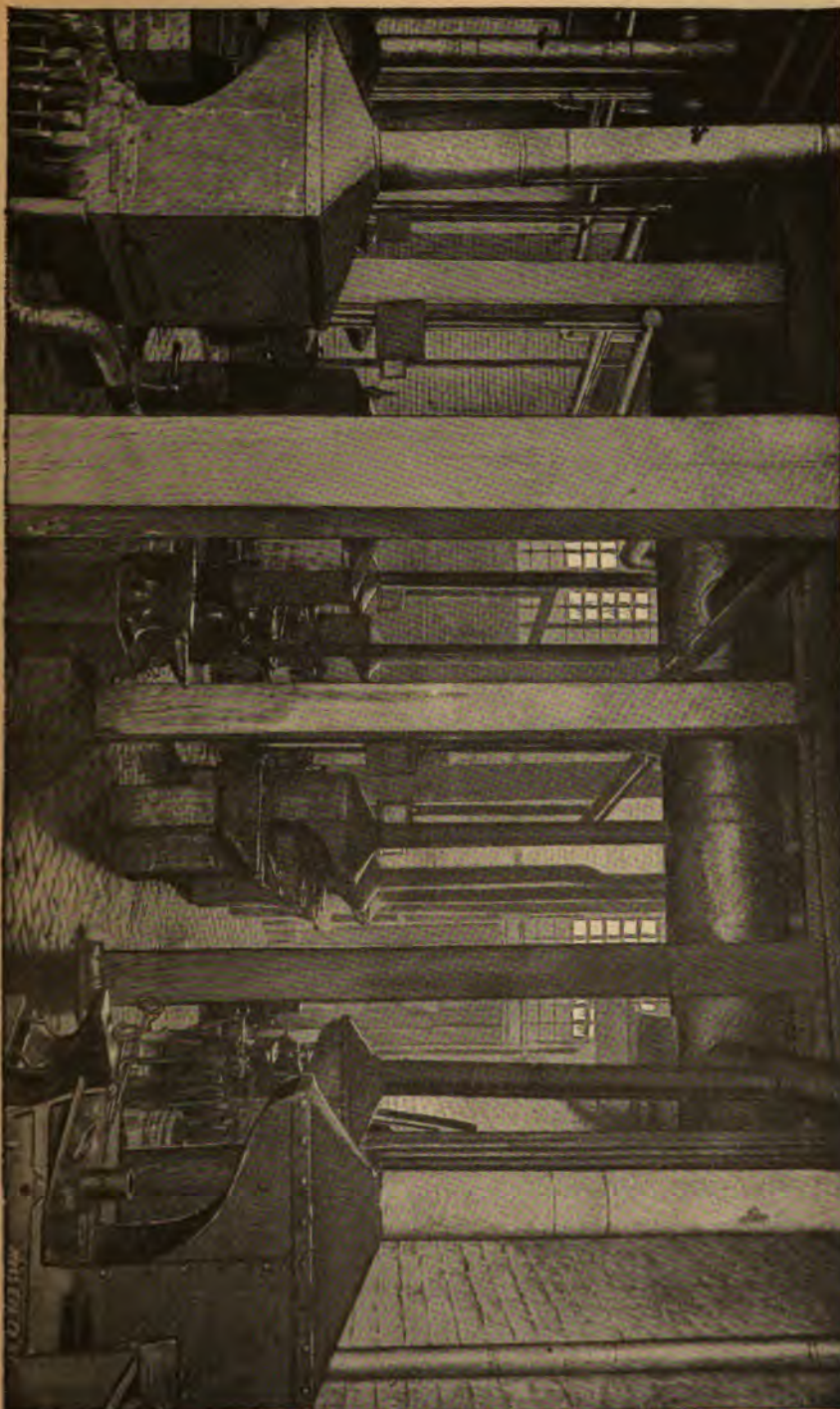
The forge room contains thirty forges, with fan blast and smoke-exhausting arrangement. The machine room contains the steam engine, a grindstone, a machine drill, a hand drill, an iron planer, a shaper, an emery wheel and a buffing wheel, six engine lathes, six speed lathes, and fifteen vise benches. The wash room, in the rear of the dressing room, is supplied with hot and cold water.

A tinsmith's shop has been annexed lately, so that the students, during the warm months of the school year, may have practice in soldering and brazing instead of the heavier work of forging.

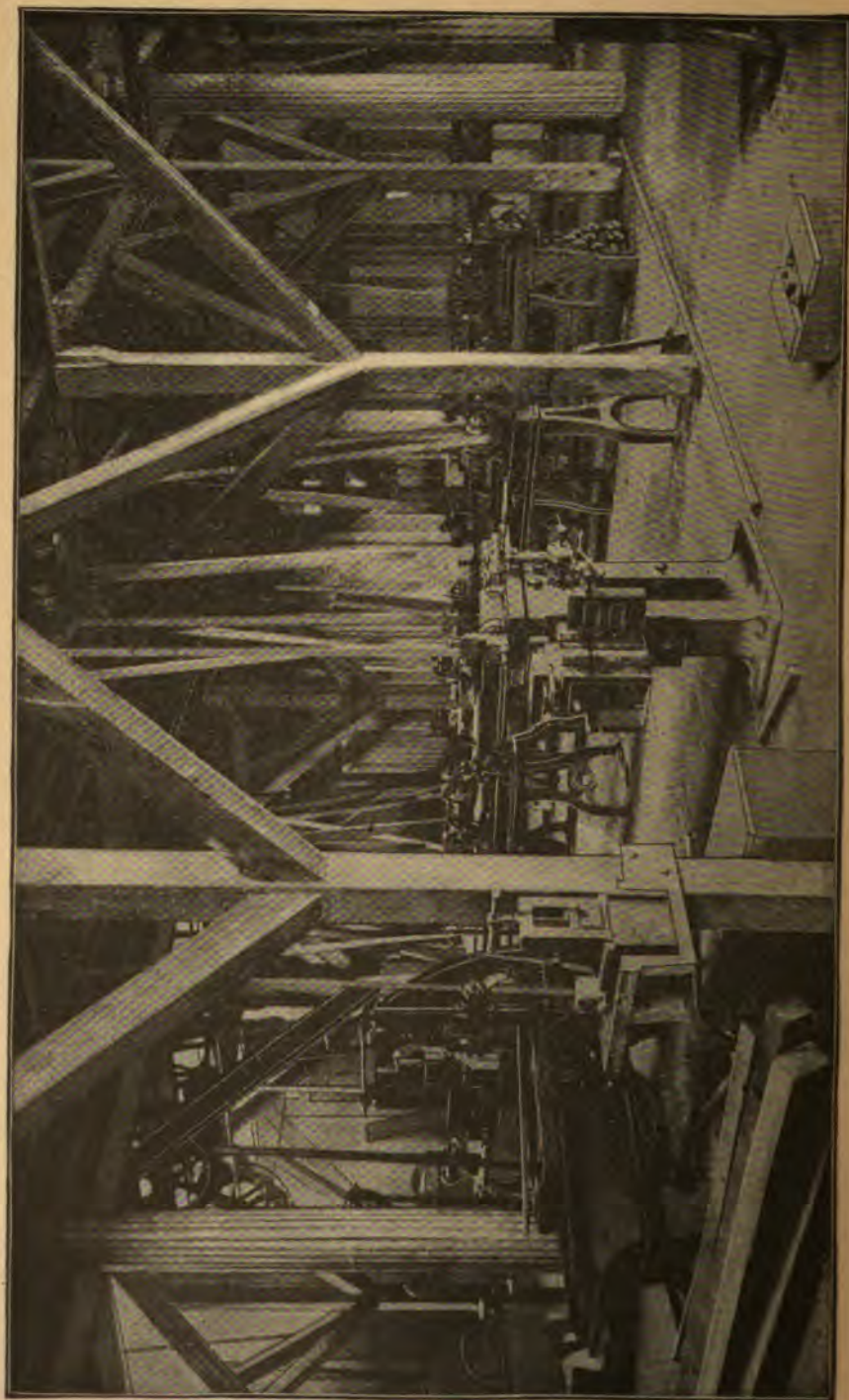
To every student of the Engineering Course is given a liberal hand work training,—that is, he is not allowed to take only one branch, but he is expected to work at all the different branches in succession; carpentry and joining, wood-turning and pattern-making, with some wood-carving, forging, chipping and filing iron, soldering and brazing, and the use of machine tools in working iron, steel and brass.

Thus the student not only learns how tools are used, but he also gains a practical understanding of the nature and limitations of materials. The shop work affords intellectual discipline, as it requires thought in planning and exactness in execution. It furnishes healthful bodily exercise and gives one confidence in his own constructive ability.

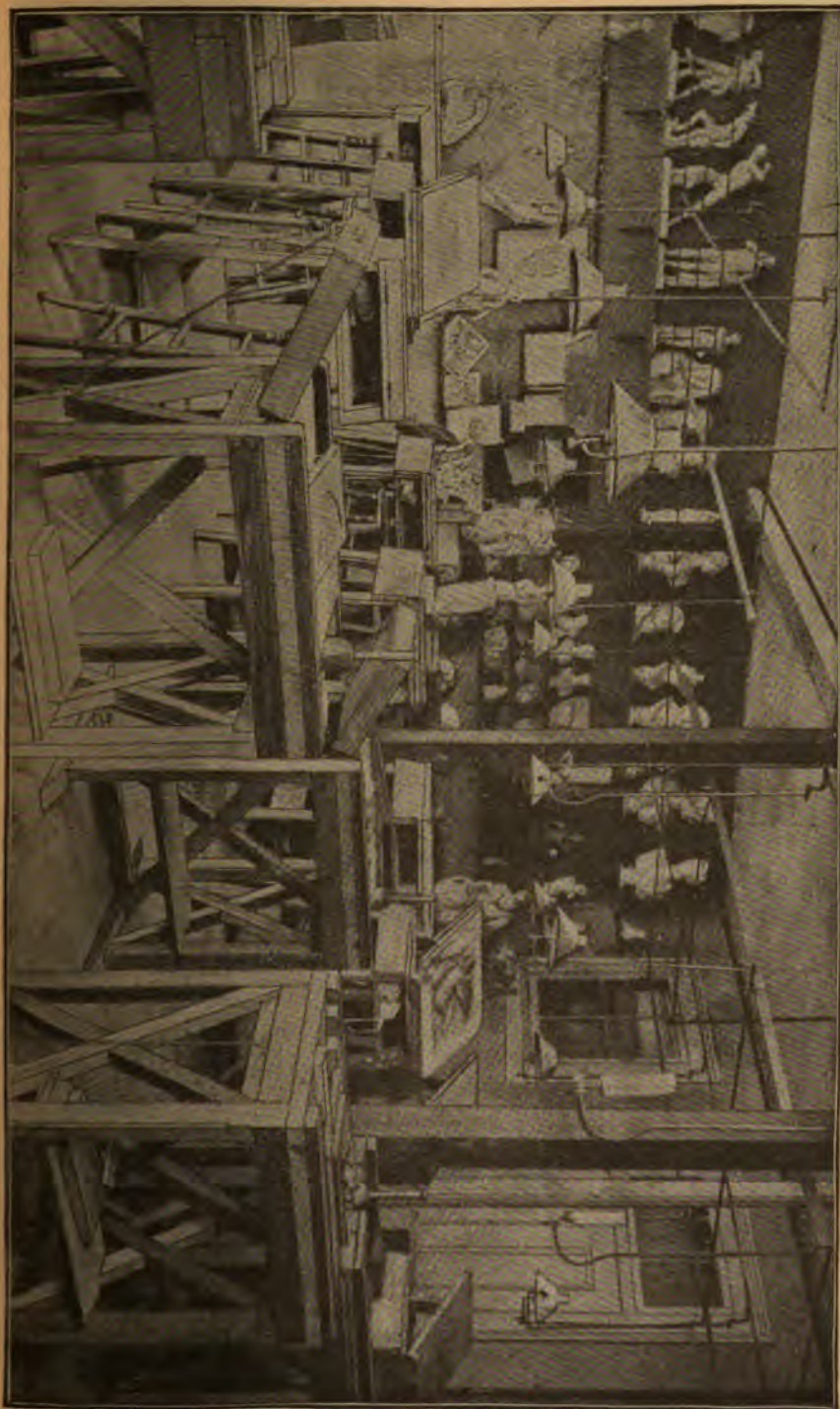
Though, from the educator's point of view, the utilitarian or economic aspect of hand work may be of little importance, yet no study or school exercise can be looked on as any the worse because it admits of application to matters of real life. Workshop practice is really a highly valuable part of engineering laboratory work.



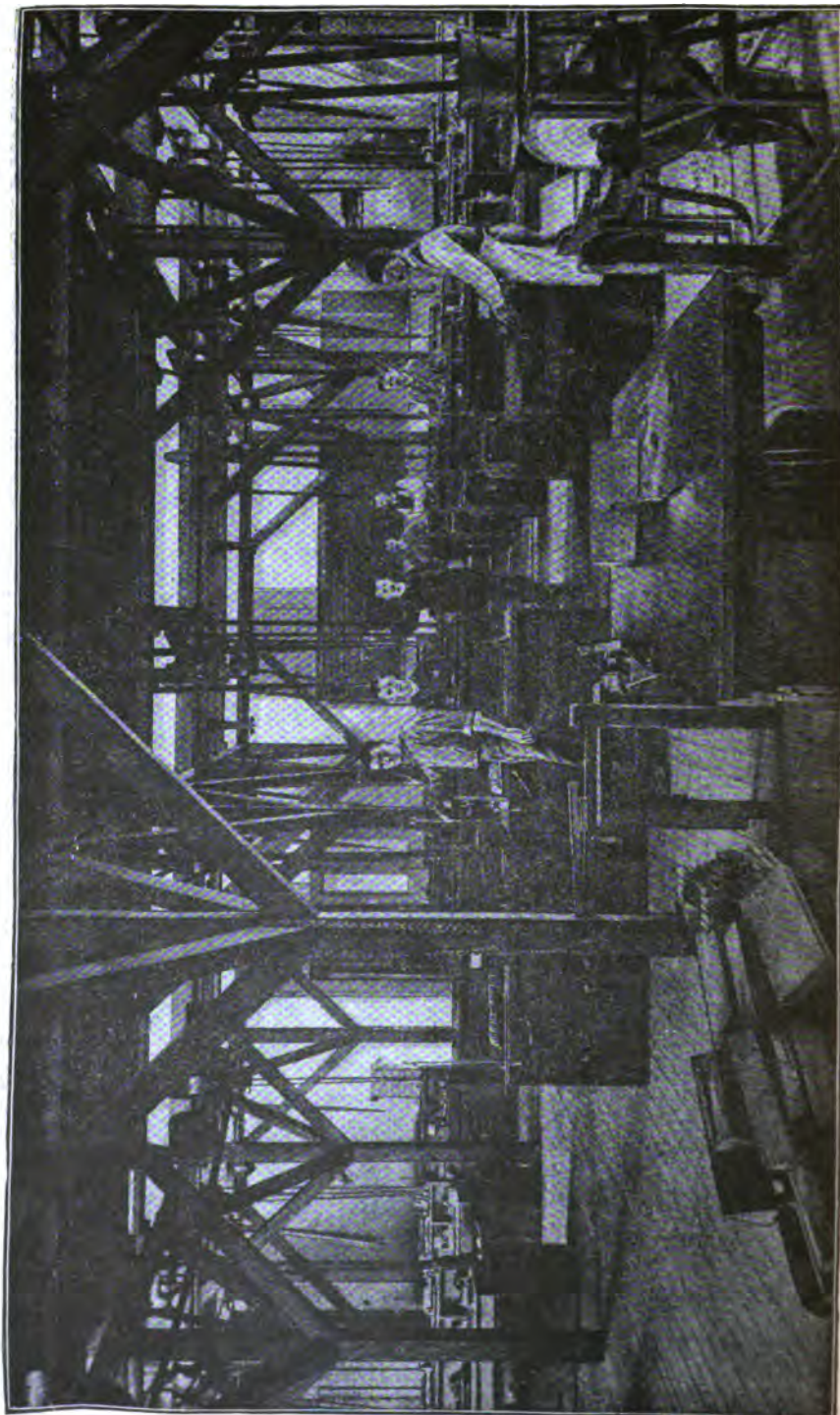
INTERIOR OF BLACKSMITH SHOP, TULANE UNIVERSITY MANUAL TRAINING SCHOOL.



IRON-WORKING ROOM, TULANE UNIVERSITY MANUAL TRAINING SCHOOL.



WOOD-CARVING ROOM, TEANECK UNIVERSITY MANUAL TRAINING SCHOOL.



WOOD-TURNING AND PATTERN SHOP, TULANE UNIVERSITY MANUAL TRAINING SCHOOL.

TULANE UNIVERSITY.

If the student in a college should feel and act as one under authority, the graduate of the College who enters on a university career should recognize that he is called to a higher culture, which does not simply permit, but demands, liberty of choice, the exercise of independent thought, an earnest attempt at original investigation, and individual conviction. Herein he must receive the inspiration of the scientific spirit and pursue his studies by the scientific method, under the guidance, but not under the authority, of a professor.

Acting on this view, we differentiate sharply between the work of the College and the work of the University. We leave to the College the disciplinary work of education to be pursued by collegiate or gymnastic methods. We reserve for the University that higher culture pursued in the scientific spirit, which is the true University work. If few in number, yet our University students must be real, not mere College students with higher titles.

We admit to our University, as candidates for degrees, the graduates of our own and other colleges with fairly equivalent requirements, and such other persons as shall pass a satisfactory examination on branches of knowledge and studies fully equivalent. University students may select their studies, not less than three, with the approval of the President, and when these have been pursued for two years to the satisfaction of the President and Faculty they will, after a satisfactory examination, and written thesis approved by the President and Faculty, receive the degree of Master of Arts. The degree of Doctor of Philosophy will be conferred for further and eminent attainments in special branches of knowledge, one principal and two minor branches, after two years of study under the direction of the Faculty.

GENERAL INFORMATION.

ADMISSION.

Applicants for admission to the College must be not less than fifteen years of age.

Graduates of the Tulane High School and of the City High School will be admitted upon the presentation of their diploma, without examination, to the courses for which they have been prepared.

All other candidates will be examined upon the following requirements:

English, same for all courses.
Pattison's Advanced Grammar.
Dalgleish's Grammatical Analysis.
School History of the United States.
School History of England.
Mathematics, same for all courses.
Arithmetic, entire.
Algebra, through quadratic equations.
Geometry, six books.

In addition to the above, candidates for admission to the Classical Course must be prepared in Latin; four books of Cæsar de Bello Gallico, or an equivalent; Creighton's History of Rome; Greek, three books, Xenophon's Anabasis, Twenty Lessons in Greek Prose Composition, Jones; Fyffes' History of Greece (or equivalents).

Literary Course—English and Mathematics as in other courses.
Latin as in the Classical Course.

For Scientific and Engineering Courses.

English and Mathematics as for other courses.

In addition to the above, Descriptive Geography entire.

The candidate for these courses must show the equivalent of two years' faithful study in either Latin, French or German, as follows:

Latin—Gildersleeve's Latin Primer and Reader entire, or their equivalents.

French—The student must have studied either Chardenal's First French Course, Whitney's Practical French Grammar or Kectels' Elementary French Grammar, and have read the equivalent of Super's French Reader.

German—Eysenbach's German Grammar, complete; reading and easy conversation.

For the Scientific and Engineering Courses candidates must have as much Physics as is contained in Balfour Stewart's Physics Primer, and as much Chemistry as is contained in Roscoe's Chemistry Primer.

All examinations as required above will be in writing. In all cases equivalents will be accepted for the books named.

Applicants for admission to any advanced class or special course of the College, or to the University, will be examined on a fair equivalent of the studies previously completed by the class or course.

It is of great importance that all students shall enter promptly at the beginning of the session. A delay of a few days may affect injuriously the progress and standing of the student for the session.

DEGREES AND DIPLOMAS.

COLLEGE—Students satisfactorily completing the Classical or Literary Course will receive the degree of **BACHELOR OF ARTS**, and students completing the Scientific or Engineering Course will receive the degree of **BACHELOR OF SCIENCE**. Students of conspicuous ability, industry and attainments will be graduated "with distinction."

UNIVERSITY—Graduates of Tulane College and other accepted candidates who shall pursue an approved course of study in three branches for two years, pass a satisfactory examination and present a written thesis acceptable to the President and Faculty, will receive the degree of **MASTER OF ARTS**.

The degree of **DOCTOR OF PHILOSOPHY** will be given for a further prescribed or approved course of study in Tulane University, pursued for two years, under like conditions, and with such excellence and superior attainments as to warrant it.

Students pursuing special courses will not be entitled to diplomas or degrees.

MEDALS.

Special prizes for marked excellence and for superior attainments are annually given upon commencement day, in the form of gold medals. These are designated as:

I. Glendy Burke Medals, which are awarded—one for elocution, one for superior attainments in mathematics, and one for an English Essay.

II. The Judah Touro Medals, awarded for excellence in Latin, in Greek and in Ancient History.

III. A Louis Bush Medal for the best Essay in the French language.

No medal is awarded except when marked excellence is exhibited in the subject of the competition.

The following additional rules have also been adopted by the Faculty upon this subject:

That in all cases where the awarding of medals is not distinctly specified by the terms of the donation, the students shall compete on basis of work above and beyond the prescribed course, said work to be assigned by the Faculty at the end of each session for the succeeding session.

That all medals, except the one for Elocution, shall be open to competition on the part of all undergraduates in the regular courses in the College. In the case of the Elocution medal, however, competition shall be restricted to such undergraduates as are members of Literary Societies recognized by the Faculty. But no medal shall be awarded to

any student who has failed or been conditioned for the session at the close of which it is awarded.

The award of medals for the session closed June 20, 1889, was as follows:

GLENDY BURKE MEDALS.

For Elocution ARMAND G. ROMAIN.
For Mathematics..... HENRY J. MALOCHEE.

JUDAH TOURO MEDALS.

Ancient History..... HENRY M. GILL.
Greek..... THOMAS CARTER AND HERMANN B. GESSNER.

LITERARY EXERCISES.

General Literary Exercises for the purpose of encouraging the arts of Essay Reading and Elocution will be held weekly in Tulane Hall, on which occasions all students of the College will be expected to be present and participate. The exercises will be under the immediate direction of the Faculty, the members of which will criticize and correct the several efforts of the students.

Students are urged to join one of the Literary Societies of the University, which are recognized as agencies of great value and importance in the same direction. Contestants for the Glendy Burke Medal for Elocution must be members of one of these societies, and recommended for the contest by a majority vote of their respective organizations.

SCHOLARSHIPS.

The University grants about one hundred and fifty free scholarships in the Collegiate and High School Departments, which are filled by nominations from State Senators and Representatives and by the Mayor of New Orleans.

The Administrators, in accordance with the terms of the act establishing the University, have adopted the following rules in regard to candidates for the scholarships to be filled:

First. As provided in said act there shall be one such scholarship for each Senator and each Representative in the State, and it shall confer the privilege of free tuition.

Second. Whenever a vacancy exists in the scholarship it may be filled by the then sitting member for that district; provided, however, that the vacancy must be filled before the expiration of his term, otherwise his successor shall make the nomination.

Third. The candidate must be a *bona fide* resident of the district or parish from which he is appointed; that is, his parents or guardian shall be domiciled in said parish or district.

Fourth. He must be a white male youth, twelve years of age, to enter the High School, or fifteen years of age to enter the College.

Fifth. He may enter any regular class for which he is found prepared, after satisfactory examination by a committee appointed for that purpose by the President of the University. No candidate will be accepted or allowed to matriculate who is not at least qualified to enter the High School of the University.

Sixth. His application for admission to the University must be in writing, stating the name and postoffice address of his parents or guardian; the date of his birth; and, if his parents do not reside in New Orleans, the name of a responsible citizen, resident here, who will act as his guardian.

Seventh. Accompanying his letter of application he must present his credentials. His nomination shall be made out in the following terms:

I, A B.....for the.....
State of Louisiana, hereby nominate.....
son of.....andto fill the
vacancy in the scholarship in the Tulane University of Louisiana,
accorded me as.....from this.....

The said.....is a male white youth,
twelve years of age, of good moral character, and a *bona fide* resident
of the said.....

(Signed)
.....from.....

Eighth. In order to identity the signature to such appointment of the Senator or Representative making it, his signature must be acknowledged by him before some competent State official.

Ninth. Before matriculation the said scholar must sign a promise to obey, in good faith, the laws of this State and of the University, and to conduct himself as a good student and as a gentleman. He will then matriculate, and will be furnished with a certificate thereof, will be enrolled on the books of the University, and considered a member of the Academical Corps, and subject to its regulations, until graduation, resignation, death or dismissal. The President shall assign him to such class or classes as his examination shows him competent to enter.

The number of free scholarships during the past season has been:

In the High School..... 85

In the College..... 33

Total..118

By whom appointed:

Representatives.....	48
State Senators.....	22
Mayor of New Orleans.....	10
Board of Administrators.....	38

Total.....118

By a resolution of the Administrators of the University, an additional free scholarship in Tulane College is annually awarded to that student of the Sub-Freshman Class who shall be selected by the Tulane High School Faculty as most distinguished for scholarship, deportment and punctuality, and another is awarded in like manner to the City High School.

DISCIPLINE.

Tulane University is, in tone, Christian, but not sectarian. This is the spirit it strives to inculcate. The discipline of the institution is mild, but firm. The students are presumed to be gentlemen, and a high standard of honor and truthfulness is inculcated and maintained. When a student is found deficient in either, or is so delinquent in industry or punctuality as to offer a bad example to his comrades, his parents are respectfully notified to withdraw him. Habitual immorality, or any gross breach of discipline, is visited with suspension, dismissal or expulsion, according to the circumstances.

In order to avail itself of the full benefit of parental aid and control in securing good conduct and punctuality, the University advises parents *immediately* of all cases of bad conduct, absence or tardiness by their sons. Monthly reports of class standing, progress and conduct are also sent; and also, at the end of each half session, a circular summarizing those facts, together with the results of his examinations.

Students in the High School are under the supervision of a Professor during school hours.

College students whose parents do not reside in the city are required to have a guardian, who stands in the place of a parent, and to whom reports are made.

University students will be allowed the fullest freedom consistent with good order.

The following arrangements were made for the government of the students, and having been duly accepted by all the College students, no other discipline has since been found necessary:

The regularly matriculated students of Tulane College constitute its Academic Corps and elect a Board of Directors, to which for the past four years, has been entrusted the general discipline of the Academic Corps. This system has worked satisfactorily.

BOARD AND LODGING.

Students can obtain board and lodging at from \$20 to \$25 per month in approved boarding-houses or private families. The University authorities pay particular attention to placing them, according to the wishes of their families, under such religious or social influences as may be indicated. Special arrangements are made, through leading gentlemen, with Roman Catholic, Protestant and Jewish families of culture, and of American, French, German or Spanish nationality, to receive our students as boarders. They thus have the direct religious and social influences desired, and the opportunity to obtain a familiar knowledge of the modern language in which they especially wish practice.

EXPENSES.

The tuition fee for a session of nine months is \$80, payable in installments of \$20 at the beginning of each quarter session. Bills are presented, therefore, and must be promptly paid, on October 1, December 5, February 10 and April 19.

No deduction is made when a student enters after the beginning, or leaves before the close of a quarter session.

The charge of eighty dollars per annum is uniform for students of the High School, College and Law Departments.

In the Law Department the annual charge of \$80 is paid at matriculation.

Candidates for the degree of Doctor of Philosophy are exempt from tuition fees.

Students furnish their own books, drawing instruments and drawing utensils, and are required to pay the cost of the apparatus which may be broken or damaged by them in the laboratories or about the University property.

The cost of books averages about \$10 per year.

There are no extra charges.

DAILY SESSION.

The daily session begins at 9 A. M., and ends at 4 P. M., with an hour's intermission from 12 M. to 1 P. M.

LOCATION.

The buildings which belonged to the University of Louisiana and which subsequently became the property of the Tulane University, are large and commodious, on the square bounded by Canal street, Tulane

Avenue, University Place and Baronne street. Of these four buildings, two are occupied respectively by the Academical Departments, one by the Medical College, and the fourth by the Law School and by the State Library.

The Manual Training School is conveniently located in the building corner of Lafayette and Dryades streets, and was purchased by the Administrators of the Tulane Fund for the convenience of this branch of instruction.

The handsome buildings of the H. Sophie Newcomb Memorial College are on Howard Avenue, directly opposite the new Howard Library, and reach from Camp street to Lee Circle. Several lines of street cars give convenient access to the college from all parts of the city.

The wisdom of founding seats of learning in centres of population is beyond dispute. The Tulane University of Louisiana is located at the doors of nearly 250,000 people—almost the third of the population of the State; and the rapid increase in the railroad and other transportation facilities to New Orleans is making it every day more and more accessible from all quarters.

Notwithstanding the occasional outbreaks of yellow fever, New Orleans is, perhaps the healthiest city of its size in the United States. Epidemics have visited it only at intervals of years,* and then only in the summer vacations, and, possibly, in the month of October. They can scarcely interfere, therefore, with the practical working of the University.

ATTENDANCE.

During the session 1888-'89 there were in the different departments of the University the following number of students:

High School.....	214
University and College.....	80
H. Sophie Newcomb Memorial College.....	148
Free Drawing School.....	310
Law Department.....	52
Medical Department.....	330
Total.....	1134

*The following extract from the special catalogue of the Medical Department of the University is of interest in this connection:

"The ungenerous attempt to prejudice students against coming to New Orleans by the publication of unfavorable statements concerning the health of the city, is unworthy of notice, except to inform any who may be ignorant of the fact that only two epidemics of yellow fever have occurred here since 1853. During the fifty-three years of the existence of the institution no student has died from this cause during the lecture term. Indeed, we think it may be shown that the mortality among the students of the University, from all causes combined, is less than that in any other Medical College in the United States."

LIBRARIES.

Librarian, WM. O. ROGERS, LL. D.

Assistant Librarians, CHAS. G. GILL, PH. D., MISS MINNIE BELL.

The *Tulane Library* contains valuable scientific and literary publications and is a depository of public documents; constant accessions are made to it through donations and purchase. It already contains about 12,000 volumes, embracing many choice literary and scientific works.

The Medical Section of the Library numbers about 2600 volumes. This section of the Library is kept in a separate room, and is open to members of the Medical Profession and other authorized persons.

The Scientific Section is constantly receiving accessions of valuable publications, either by purchase, or by exchange of the publications of the New Orleans Academy with the leading scientific bodies of the world. Readers and students in this section have access to the large and very valuable private library of Professor Ordway, which is constantly receiving additions of new books as they are published.

The Literary Section contains the best editions of standard French and English authors, and fine editions of the Latin and Greek Classics.

The collection of public documents has been steadily augmented, and now contains about 5000 volumes.

The *Fisk Library* contains about 10,000 volumes, and is increased yearly at the rate of about 500 volumes. It contains the best standard works and current literature, including all the leading literary periodicals. The Reading Room of this Library is open to the public from 9 A. M. to 5 P. M., and is largely attended by an intelligent class of readers. Every facility is given to readers for finding the books and information they desire.

The *State Library*, containing 26,000 volumes, is deposited in the Law Building of the University, corner of Tulane Avenue and University Place, and is open daily from 9 A. M. to 3 P. M., and from 4 to 6 P. M.

Students have the use of books free of charge. This Library includes a very valuable collection of Foreign and American Law Books and Law Reports, and of historical and documentary works.

LIBRARY REPORT FROM JUNE, 1888, TO JUNE, 1889.

The accessions to the University Library during the past year have been as follows:

TULANE LIBRARY.

DONATIONS.		Volumes.
From Hon. S. Green.....		1
“ Mrs. E. Thompson		1
“ Lieut. A. D. Schenck.....		1
“ Prof. F. Cajori.....		12
“ Dr. E. Souchon.....		1
“ Mr. H. Ginder.....		1
“ Mr. Wm. O. Rogers		2
“ Prof. J. H. Deiler.....		1
“ F. T. Royer.....		6
“ Prof. A. D. Hurt.....		2
“ S. H. Kean & Co.....		1
“ Mrs. B. F. Perry.....		2
“ American Tract Society.....		1
“ Washington and Lee University.....		1
“ United States Government.....		160
“ New Orleans Academy of Sciences.....		28
“ Mr. H. N. Winchell (Minnesota Geological Survey).....		1
“ Royal Society of Canada.....		1
“ Mr. M. Sibilsky... ..		1
“ Director of Pennsylvania Geological Survey.....		2
“ “ “ Kentucky “ “		1
Total.....		227
By purchase.....		231

FISK LIBRARY.

DONATIONS.		Volumes.
From Mr. R. A. Woods.....		10
“ Col. Wm. P. Johnston.....		3
“ Mrs. Wm. O. Rogers.....		1
“ Prof. A. Fortier.....		1
“ Prof. L. C. Reed.....		1
“ Prof. J. H. Deiler.....		1
“ Mr. Chas. B. Elliot.....		1
“ Dr. J. C. Ayer & Co.....		1
“ Mr. F. Hollander.....		1
“ Mr. Geo. T. Angell.....		1
“ U. S. Government.....		6
Total.....		27
By purchase.....		319
Total increase for Fisk.....		346
Total increase for all libraries.....		804

MUSEUM.

PROFESSOR JOHN W. CALDWELL, A. M., M. D., Curator.

PROFESSOR JOSEPH F. JOOR, M. D., Assistant Curator

The object of Tulane Museum is to furnish opportunities of illustration and study, both to the classes of the University and to the public at large. To this end the specimens have been grouped in departments, with reference both to scientific order and convenience of examination.

MINERALOGY.—In this department we have a classified series of over 1500 specimens, representing about 300 species. Also, several local collections, showing rocks, ores and other minerals from the various States and Territories.

GEOLOGY AND LITHOLOGY.—We have between 2000 and 3000 classified fossils of all ages, and a set of "Casts of Celebrated Fossils," nearly 700 in number. We have also a general stratigraphical series, showing the rocks of the various periods, from the Archæan to the Quaternary, and a special series illustrating the geology of New York.

BOTANY.—The general Herbarium contains over 10,000 specimens, representing about 4000 species, American and European. There are also special collections of Louisiana plants, grasses and woods.

ZOOLOGY.—All the classes and nearly all the important orders of the animal kingdom are represented by specimens, dry, alcoholic or stuffed, and about a dozen skeletons. There are also a number of beautiful models illustrating the lower forms of life.

ANTHROPOLOGY.—A small beginning has been made in this department; but already there have been collected many valuable objects.

Since the publication of the last catalogue the following have been donated:

By J. P. Pemberton, New Orleans, Petrified Palm Wood and Iron Ore.

By W. A. Wilson, Palmed Radish.

By Timothy Moroney, New Orleans, Curious Iron Concretion.

By Mrs. Wm. Preston Johnston, New Orleans, Salt from Avery's Island.

By T. W. Vaughan, Jonesville, Texas, Jaw and Teeth of Mammoth, Iron Ore, etc.

By C. R. Churchill, New Orleans, Fossil.

By Prof. J. M. Ordway, New Orleans, Botanical Specimens.

By Wm. B. Schmidt, President World's Exposition, through J. A. Ireland, 142 fine Fossils.

By John W. Caldwell, Jr., New Orleans, 11 Carboniferous Fossils.

By H. S. Bell, New Orleans, Cannon Ball from Battlefield of New Orleans.

By Marcel Haulard, New Orleans, French Coins, Insects, etc.

By Mrs. A. Hill, New Orleans, Coins.

By Leon Drouet, New Orleans, Skin of Sloth.

By Dr. R. G. Hawkins, Washington, La., Old Coin.

By A. H. White, New Orleans, Prepared Asbestos.

By A. L. Metz, New Orleans, Shell with Pathological Growth.

By Dr. Joseph Albrecht, Vampire Bat.

By Hon. Randall L. Gibson, United States Senator, Commission of Vaudreuil de Cavagnial as Governor of Louisiana, 1742.

By E. H. Gueydan, New Orleans, specimens of Mangrove and other Tropical Trees.

By Edward Paxton, New Orleans, "Crystallized" Wood.

By Rev. D. L. Mitchell, New Orleans, Flint Spear-head and "Cain-agre" Root.

By Mr. Vogel, through Academy of Sciences, Indian Bow and Arrows.

By Miss Richardson, Louisville, Ky., through Mrs. T. G. Richardson, New Orleans, Gypsum and Calcite from Mammoth Cave, Ky.

By Miss Bessie Woods, New Orleans, 36 specimens of Reptiles, Fish, etc.

By Mrs. Haile, New Orleans, Malformed Gosling.

By L. D. Sampsell, New Orleans, two fine Centipedes.

By Julius Kruttschnitt, Esq., New Orleans, Fossils.

By Hermann Curtius, New Orleans, Herbarium of about 8000 specimens.

FREE PUBLIC LECTURES.

The Free Public Lectures given under the auspices of Tulane University during the past session were as follows:

A course of five lectures on the Modern Civil Law of Donations and Testaments, as established by the Codes of Louisiana and France, by Hon. Charles E. Fenner, Associate Justice of the Supreme Court of Louisiana. These lectures, though chiefly intended for students of law, were open to the public.

A course of three lectures by Prof. John W. Caldwell, of Tulane University, on—

I. Alchemy and Alchemists.

II. The New Chemistry.

III. Crystals and Crystallization.

Five lectures by Prof. John M. Ordway :

I. The Transition from Alchemy to Modern Chemistry.

Also four Lectures on Sanitary Science :

I. Oxidation.

II. Fermentation and Putrefaction.

III. Disinfection.

IV. Prevention of Decay.

Three Lectures by Prof. Alcée Fortier, in French :

I. Gang Rolf and the Norman Dukes.

II. Harold and William.

III. The Sons of Tancred.

H. Sophie Newcomb Memorial College :

A course of thirty-two lectures on Psychology, by President Dixon,
given on Tuesday and Saturday afternoons, in the Chapel of the College.

Two lectures by Mlle. M. Augustin :

I. L'Origine de la Langue Française.

II. Trouvères et Troubadours, ou La Cour d'Amour du Romanin,
12^{me} et 13^{me} siècle.

FREE DRAWING SCHOOL.

CORPS OF TEACHERS:

PROFESSOR, WM. WOODWARD.

ASSISTANT PROFESSOR, ELLSWORTH WOODWARD.

INSTRUCTORS, A. F. DELBERT, H. J. MALOCHEE,
ALLISON OWEN.

The Free Drawing School of Tulane University has now completed the fifth year of its work. It is believed that its success has justified its establishment. While it has been a charge upon our resources for purposes somewhat apart from the strict line of University work, the immense benefits it has conferred upon the general public in the elevation of popular intelligence, and in the special training of individuals in both practical and æsthetic matters, in industrial drawing and the fine arts, cannot be overlooked. More than 3000 pupils appear upon our rolls, and, allowing for double counting, more than 1800 different persons have received gratuitous instruction in these classes. So far no one has been denied admission to these classes who came within the definition of bread-winner, and indeed the only restriction placed upon entrance has been immaturity in age or incompatible duties. In addition to the fundamental instruction in Drawing, higher grades of work have been pursued in Mechanical and Architectural Drawing, Drawing from Nature, Free Hand Drawing, Drawing from Casts and Design.

The following is the report of the Classes for 1888-'89:

SATURDAY CLASSES FOR WOMEN.

Drawing, Advanced	46
" Elementary.....	51
School Methods.....	37— 134

EVENING CLASSES FOR MEN.

Free Hand, Senior.....	3
" Junior	13
" Elementary	29
Mechanical, Senior.....	6
" Junior	5
" Elementary	31
Architectural Drawing....	9
Preparatory Class	80— 176

Total admissions for session 1888-'89.....	310
Total admissions for five annual sessions.....	2895
Total number of students finishing their classes.....	967

The Free Drawing School will be held at the Tulane Manual Training School, from Nov. 2, 1889, till May 17, 1890, four nights in the week and on Saturdays. There are night classes for men and youths employed during the day with their regular work, trades or business. Each of these classes will meet two evenings in the week and will be occupied from 7:30 to 9 o'clock P. M.

Beginners enter the Preparatory Class, in which both free hand and mechanical drawing are taught. Having completed the work of this Class, the students may choose between the Free Hand and Mechanical Drawing courses or may attend both.

THE MECHANICAL COURSE.

is intended to aid mechanics, who are striving to improve in their work. It has three Classes, Elementary, Junior and Senior. Students of those Classes have gratefully acknowledged the benefits of their instruction, as evinced in larger views, better wages and new avenues to employment.

Students who have finished the Elementary Mechanical Class in Drawing may enter the Architectural Course, which embraces two years, Junior and Senior.

Some of the students of these classes have obtained remunerative positions as draughtsmen or as teachers in good institutions, the result of their success in these classes.

FREE HAND COURSE.

This course has three classes, Elementary, Junior and Senior. Students who have completed the Preparatory Class may enter the Elementary Free Hand Class, if they so select. In this course the elements of perspective and shading, practice from casts and natural objects, and the anatomy of the human figure are studied, and much attention is given to the careful study of form in general and the human form in particular. The history of the leading styles of ornament is also pursued.

This course thus prepares students for illustrators and designers, and lays a foundation for future art studies.

The Senior Free Hand Class devotes its attention mainly to the analysis of the human form; and the skeleton, muscles, etc., are drawn so as to give a classic rendering of the figure in repose and action. Modeling the various parts in clay is also employed as a valuable aid for the artist or figure designer, and as tending to develop a latent taste for sculpture.

SATURDAY CLASSES.

These classes have been largely attended by both women and men, chiefly by women. They were at first intended principally to aid the teachers of the Public Schools, but their scope has enlarged, and they now lead both to the Fine Arts and to the practical uses of the Industrial Arts.

Their intention is to lay a solid foundation for both the Fine and Industrial Arts, by correct instruction and practice in Drawing and the immediately cognate arts resting on Design, Color and Ornament.

All applicants for admission are required to enter the Preparatory Class, or to evince the fullest and most satisfactory ability to receive its certificate. In this class the student is instructed in the elements of both Free Hand and Mechanical Drawing.

The Course follows closely that pursued in Boston, and has heretofore been included among the required studies of the Normal School of this city.

Those students who receive certificates in the Preparatory Class, or exhibit satisfactory evidences of ability to prosecute the work of the higher classes, may elect between the Advanced Drawing Class, the Class in Decorative Art, and the Class in School Methods.

The Advanced Class pursue their art by drawing from geometric models and natural objects, so as to acquire as definite a knowledge of principles and as sound practice in Art as possible in the limited time allowed.

The Class in School Methods is intended principally for teachers, and studies Drawing as a branch of school education. It aims at a symmetrical course, based upon the best practice of Normal Schools.

ART MUSEUM.

PROF. WILLIAM WOODWARD, Art Director.

LINTON-SURGET HALL.

The cherished desire of the Administrators of Tulane University for the inauguration of a Museum of Fine Arts has been gratified by the auspicious donation of the late Mrs. Eustace Surget of Bordeaux, France. Mrs. Surget, née Mary Linton, was a native of this city, and passed much of her early life here. In her last will she expressed the wish to her sister, Mrs. C. B. Surget, widow of Francis Surget, that her books, statuary, paintings and *objets d'art* should be donated to the city of New Orleans on certain terms and conditions. At the request of Mrs. C. B. Surget, the Mayor and Council of the city of New Orleans, by an ordinance, approved May 18, 1889, made Tulane University the perpetual depository for the care and custody of the donation under the terms of the bequest, provided that the city should be put to no expense and made liable to no costs. Therefore, under the conditions of the bequest, two rooms have been set apart in Tulane University, to be designated and known as the "Linton-Surget Hall," for the care and

custody of this donation, which embraces about 1000 volumes, principally works on art; two statues, and forty-five valuable paintings, comprised in the following list:

LIST OF PICTURES BEQUEATHED BY MADAME EUSTACE SURGET.

1. Elves, by Steinbrück.....	3'	x	3'
2. Ruth and Naomi, by Chapman.....	3'	4"x	3' 9"
3. Titian's Flora.....	2'	6"x	2' 2"
4. St. Cecile and Medallions.....	3'	8"x	2' 0"
5. Holy Family.....	6'	0"x	5' 0"
6. Cumean Sybil.....	5'	0"x	4' 0"
7. Tobias and Angel.....	3'	3"x	2' 9"
8. Da Vinci, Portrait by.....	2'	0"x	2' 4"
9. Société des Arts—Brun.....	2'	4"x	3' 2"
10. Société des Arts—Boggs.....	2'	10"x	2' 2"
11. Dominican Convent, Rome.....	2'	8"x	2' 0"
12. Landscape.....	1'	9"x	1' 3"
13. Landscape ..	1'	9"x	1' 3"
14. Sea View, by Kuwsseg.....	3'	8"x	2' 7"
15. Landscape, by Ponther.....	3'	0"x	2' 2"
16. Azure Grotto.....	0'	7"x	0' 3"
17. North Cape, by Saal.....	2'	0"x	1' 6"
18. Naples.....	2'	6"x	1' 9"
19. Sorrento.....	2'	0"x	1' 7"
20. Guido's Aurora.....	4'	0"x	2' 6"
21. Dolce far Niente.....	2'	0"x	2' 4"
22. Fruit.....	2'	8"x	2' 2"
23 24. Two Angels.....	3'	8"x	1' 5"
25 26. Magdalen, two.....	1'	8"x	1' 7"
27. Head of Raphael.....	2'	4"x	1' 10"
28. Water Color—Church Interior, by Danzates	2'	3"x	1' 9"
29. Washing in Doors	1'	7"x	1' 4"
30. Meeting of Flora and Zephyr.....	0'	12"x	0' 10"
31. Vittoria Colona.....	2'	0"x	1' 9"
32. Ecce Homo	2'	5"x	2' 0"
33. Magdalen.....	3'	9"x	3' 3"
34. Portrait, by West.....	3'	6"x	2' 10"
35. Castellamere.....	3'	9"x	2' 9"
36. Columbus.....	1'	9"x	1' 6"
37. Girl with Light.....	1'	10"x	1' 6"
38 39. Heads of Saints, two.....	0'	10"x	0' 8"
40. Shooting the Rapids, by Mrs. Hopkins.....	6'	1"x	3' 7"
41. Temple of Venus.....	0'	12"x	0' 10"
42. Durer's Head.....	0'	10"x	0' 8"
43. Medallion Head.....	0'	12"x	0' 8"
44. " "	0'	12"x	0' 8"
45. " "	0'	12"x	0' 8"

Marble Statues.

46. Nydia, by Rogers.....	4'	x	3' x2
47. Pandora.....	4'	x	2' x2'

Mrs. C. B. Surget, of Bordeaux, France, has added to the above collection two valuable statues by Crawford and the following valuable historical portraits:

Two portraits of President James Monroe.

Two of President Adams.

One of Chief Justice Marshall.

One of Henry Clay.

One of Benjamin Watkins Leigh.

Mrs. V. C. Montgomery of New York, the widow of Mr. R. W. Montgomery, a much esteemed citizen of New Orleans, has given to the Tulane Art Museum a marble group of great beauty and value as a memorial of her husband. Some of our public-spirited citizens have also given or loaned their pictures and other works of art, and other additions have been made which induce us to believe that the development of this department of the University, so important to the public, will be speedy and real.

H. SOPHIE NEWCOMB MEMORIAL COLLEGE FOR YOUNG WOMEN.

ANNOUNCEMENT FOR 1889-90.

FACULTY.

WM. PRESTON JOHNSTON, LL. D.,
PRESIDENT OF THE UNIVERSITY AND PROFESSOR OF HISTORY.

BRANDT V. B. DIXON, A. M.,
PRESIDENT AND PROFESSOR OF MENTAL SCIENCE.

JOHN M. ORDWAY, A. M.,
PROFESSOR OF BIOLOGY.

MRS. EVELYN W. ORDWAY, B. S.,
(Mass. Inst. Technology)
CHEMISTRY AND PHYSICS.

ULRIC BETTISON,
PROFESSOR OF MATHEMATICS.

GEORGE GESSNER, A. M.,
PROFESSOR OF GREEK.

MRS. J. C. NIXON,
ENGLISH AND RHETORIC.

MISS L. G. EDWARDS,
LATIN.

J. HANNO DEILER,
PROFESSOR OF GERMAN.

MISS MARIE J. AUGUSTIN,
FRENCH.

ELLSWORTH WOODWARD,
PROFESSOR OF DRAWING AND PAINTING.

MISS GERTRUDE ROBERTS,
DRAWING AND PAINTING.

MISS EMMA S. ROSSNER,
PRINCIPAL OF THE ACADEMY.

FLORIAN SCHAFFTER,
DIRECTOR OF VOCAL MUSIC.

MISS MATTIE M. AUSTIN,
SECRETARY.

The H. Sophie Newcomb Memorial College is devoted to the higher education of young women. It was founded by Mrs. Josephine Louise Newcomb for the purpose of affording all the advantages of a college education which are so freely offered to young men. In pursuance of this design it has adopted a system of instruction which is believed to be liberal, thorough and well adapted to our circumstances in this city.

The location of the college in the city of New Orleans is considered to be highly advantageous, by the reason of its accessibility from all parts of the south, the educational facilities to be enjoyed in its libraries and museums, and the mildness of its climate throughout the college year. The healthfulness of New Orleans, as is shown by the medical records, is equal to that of any other large city of the United States; it has had only two epidemics of yellow fever in the past thirty years, both occurring during the vacation months, and it has been practically demonstrated by the experience of the past ten years that this disease can be effectually excluded.

The college and academy buildings are situated on Camp Street, Lee Circle and Howard Avenue, and are accessible by many lines of street cars; they are well lighted, and have all sanitary advantages.

THE ACADEMY.

In the academy students are prepared for admission to the college. The course of instruction comprises two years of careful training, to secure a thorough preparation. Although the academy is distinct from the college, the laboratories, studios, and other appliances of the latter will be available whenever they may be needed.

Applicants to the academy must be at least thirteen years of age, and be properly qualified in the following branches: Arithmetic, English, Grammar, Geography, History of the United States, Elements of English Composition.

The course of study is as follows:

FIRST YEAR.

Latin or French.
Higher Arithmetic.
English Analysis.
Inventional Geometry.
United States History.
Physiology.
Industrial Drawing.

SECOND YEAR.

Latin or French.
Algebra.
Greek or Rhetoric.
Inventional Geometry.
Outlines of History.
Physical Geography.
Industrial Drawing.

In addition to these regular studies, there will be given throughout each year, a series of lectures on scientific subjects, illustrated by experiment.

COLLEGE.

All applicants for admission to the College must be at least fifteen years of age, and be prepared in the following studies, General Arithmetic, Algebra, through Quadratic Equations, United States History, General History, Geography, and Physical Geography. In addition to the above, those intending to take the Classical Course should have studied Latin Grammar and Syntax, Reader, and three books of Cæsar's Commentaries, or their equivalents; also, in Greek, the amount which constitutes one year's work in that study. In Latin the Roman method of pronunciation is used; in Greek, the Continental. Those undertaking the Scientific Course should be prepared in the same amount of Latin, and in the Elements of English Rhetoric. In the Literary Course the applicant should possess a fair knowledge of French or German.

In case any applicant is disqualified in some one of the above studies, and offers in its stead a satisfactory equivalent, it will be accepted; or she may be received on condition of making up such deficiency.

Students of the college may select any one of the three different courses of study, the Classical, Literary, or Scientific, each of which presents a well-rounded curriculum, and leads to the degree of Bachelor of Arts. The satisfactory completion of optional studies will be rewarded with a special certificate.

In the tabulated statement below it will be noted that special prominence has been given to the study of Art, in the conviction that the advantages to be derived are of the highest value in the education of the eye and hand and in the cultivation of correct taste; at the same time that it offers a desirable relaxation from the more exacting work of the class-room.

Newcomb College Courses.

CLASS.	CLASSICAL.	SCIENTIFIC.	LITERARY.
FRESHMAN	Latin..... Greek..... English..... Geometry..... Ancient History..... Industrial Drawing.....	Latin..... French or German..... English..... Geometry..... Biology..... Industrial Drawing.....	Latin (optional)..... French or German..... English..... Geometry..... Ancient History..... Industrial Drawing.....
SOPHOMORE	Latin..... Greek..... English Literature..... Higher Algebra and Trigonometry..... Mediæval History..... Drawing and Design.....	Latin (optional)..... French or German..... English Literature..... Higher Algebra and Trigonometry..... Physical Laboratory..... Drawing and Design.....	Latin (optional)..... French or German..... English Literature..... Higher Algebra and Trigonometry..... Mediæval History..... Drawing and Design.....
JUNIOR	Latin..... Greek..... Standard English Authors..... Physics..... Psychology..... Art (optional).....	Latin (optional)..... French or German..... Chemical Laboratory..... Analytical Geometry..... Psychology..... Decorative Art.....	Latin (optional)..... French or German..... Standard English Authors..... Physics..... Psychology..... Art (optional).....
SENIOR	Latin..... Greek..... Shakspeare..... English History..... Chemistry..... Ethics.....	Latin (optional)..... French or German..... Chemical Laboratory..... Astronomy..... Geology..... Ethics.....	Latin (optional)..... French or German..... Shakspeare..... English History..... Chemistry..... Ethics.....

SPECIAL STUDENTS.

Although students are strongly urged to take one of the regular courses, it may nevertheless occur that, for various reasons, some will decide to pursue a partial course, or confine their work to a single branch. For such special students provision will be made, and each one who shall complete with credit the work prescribed in any study shall be entitled to a certificate of excellence. These special courses will be of value to those who intend to prepare themselves for teaching some particular branch, or those who, having completed their school or college career, nevertheless are unwilling to abandon further intellectual pursuits, and desire to devote a part of their time to the prosecution of some favorite study. In addition to the special courses in Language, Chemical and Physical Laboratory and Art, Lecture Courses in French and English Literature, in History, and in Psychology will be given during the second and third quarters of the coming session.

LANGUAGES.

The study of the various languages is meant to be extensive enough to meet the needs of special students. In Latin and Greek the forms and syntax will be thoroughly taught, and a fair acquaintance with various authors will be secured. In French and German, it is intended to secure to the student fluency in speaking and reading, as well as an accurate knowledge of grammar and a considerable acquaintance with their respective literatures.

HISTORY.

The study of History embraces that of Ancient Greece and Rome, Mediæval Europe, England, France and America. This study is considered of such importance that it is continued throughout the entire college course.

ENGLISH.

This study furnishes the best introduction and accompaniment to the work in other branches of college education. But, apart from this, it is in itself of the greatest practical value. It includes the subjects of Rhetoric and Composition, History of Literature, the critical study of master-pieces of prose and poetry, and the study of Ancient Saxon.

MATHEMATICS.

On account of its great disciplinary value the greatest care and attention will be given to make this study effective and thorough. The amount required differs in the various courses, less being taken by the Classical and more by the Scientific students. It includes Higher Algebra, Geometry, Trigonometry, Analytical Geometry, Calculus and Astronomy.

CHEMISTRY AND PHYSICS.

These subjects are studied by the laboratory method, combined with class exercises and use of text-books. The laboratories are large, well lighted and well equipped. Each student performs for herself the various experiments, determinations and analyses, and acquires that practical knowledge which finds its use and application in Pharmacy, Medicine and the Industrial Arts.

BIOLOGY.

The subject of biology, zoölogy and botany, is taught by lectures, topical readings and laboratory exercises. As far as possible the living organisms are made the direct objects of study. The laboratory is furnished with microscopes and other needful appliances.

GEOLOGY AND MINERALOGY.

These subjects will occupy the attention of the students in the scientific course during their senior year. Their study will be conducted by text-book lectures and illustrations. The excellent collection of fossils and minerals contained in the university museum will be freely used.

DRAWING.

Drawing as a regular study enters into all the courses of the college. In these classes it is intended to secure a general knowledge of the art, rather than technical excellence in any one direction. The principles of pictorial art, of design and construction are thoroughly taught, and the student is prepared to follow any special line of art study.

SPECIAL NORMAL ART.

A course in normal art is provided, designed to prepare teachers. It unites the study of fine and industrial art and gives special attention to methods of public school art instruction. It extends over four years. A certificate is given at the completion of each year's work.

SUBJECTS OF STUDY.

FRESHMAN YEAR.

Derivation and Use of Lines.
Study of Form and Proportion
with Clay
Geometric Forms.
Constructive Drawing.
Floral Forms.
Elements of Design.
Elementary Projection of Solids.
Model Drawing.
Elements of Shading.
System of Public School Drawing.

JUNIOR.

Mechanical Perspective.
Shading from Models in Wash.
Shading from Cast.
Drawing from Life.
Harmony and Chemistry of Color.
Color Design.
Water Color Painting.
Projection of Shadows.
History of Sculpture.

SOPHOMORE.

Mechanical and Freehand Perspective.
 Model and Object Drawing.
 Geometric Problems.
 Orthographic Projection.
 Constructive Drawing.
 Shading from Cast.
 Color Design.
 History of Ornament.
 System of Public School Drawing.

SENIOR.

Anatomy of the Figure.
 Drawing from Life.
 Modeling in Clay.
 Casting.
 Wood Carving.
 Design for Relief.
 Oil Painting.
 History of Painting.
 Pen and Wash Drawing.
 Practice in Teaching.

ELECTIVE ART WORK.

In special art the studies are elective. A separate studio, with a north light, and equipped with all necessary fittings, is provided for each study.

PERSPECTIVE AND MODEL DRAWING.

These studies are fundamental and form a part of all courses except those directed exclusively to design.

CAST DRAWING.

The cast drawing and light and shade room is completely furnished with selected plaster copies of antique statuary and reliefs.

WATER-COLOR PAINTING.

Every facility is given for still life and figure painting, according to the best methods for securing independent results and a broad style of handling.

OIL PAINTING.

Oil painting is conducted by study from composed groups, and from life.

DESIGN.

As the most important study in the useful arts, special attention is given to design. After the study of the theory has been mastered, efforts are directed to its practical application.

MODELING AND CASTING.

Exceptional opportunities are offered for the practical study of terra cotta modeling. The practice of plaster-casting is also provided for.

WOOD CARVING.

Wood carving and clay modeling, as means of training the hand to strength and deftness are invaluable. Applications of carved designs to useful articles are made as soon as sufficient excellence is obtained.

LIFE DRAWING.

The most advanced students draw from life, portrait and draped figure. Appointments to this class will be made by the instructor.

BOARDING.

Good boarding can be secured in a number of places near the college. The greatest care will be taken to secure for students suitable accommodation. Special arrangements have been made with the Christian Women's Exchange to receive a number of young ladies in their commodious building on Lafayette Square. Here they will be assured of excellent board and attention at moderate rates, and will be under the supervision of the matron in charge.

TUITION.

The scholastic year is divided into four quarters of nine weeks each. The rates of tuition are as follows:

For the Academy, per quarter, \$20.

For the College, per quarter, \$25.

There are no extras.

Special students, for the Art Course, per quarter, \$10.

For other studies, each, \$8.

All dues are payable quarterly in advance. No terms will be made for a shorter period than one quarter.

SESSION.

The College and Academy will open on Tuesday, October 1, 1889, and regular work will be immediately begun. The date of final exercises and College Commencement is fixed for Tuesday, June 17, 1890. Parents and students are reminded of the necessity of beginning the session promptly and of completing it fully. Much difficulty is occasioned by the late arrival and early departure of students, and they are warned that without full attendance they will not be able to maintain their grade.

ATTENDANCE.

The attendance during the session 1888-1889 was as follows:

Regular Students—Academic and Collegiate.....	77
Literary or Scientific, Special	11
Special Art.....	43
Saturday Art Class.....	17
Total.....	148

Further information furnished on application to Brandt V. B. Dixon, President of the College, or to Wm. O. Rogers, Secretary of Tulane University.

TULANE UNIVERSITY OF LOUISIANA.
LAW DEPARTMENT.

FACULTY.

HENRY CARLETON MILLER,
PROFESSOR OF ADMIRALTY AND INTERNATIONAL LAW, AND THE
DEAN OF THE FACULTY.

THOMAS JENKINS SEMMES,
PROFESSOR OF CONSTITUTIONAL LAW, COMMON LAW AND EQUITY.

HENRY DENIS,
PROFESSOR OF CIVIL LAW AND LECTURER ON THE LAND LAWS OF THE
UNITED STATES.

FRANCIS ADAIR MONROE,
PROFESSOR OF COMMERCIAL LAW AND THE LAW OF CORPORATIONS.

HENRY HINCKLEY HALL,
PROFESSOR OF CRIMINAL LAW, THE LAW OF EVIDENCE AND OF
PRACTICE UNDER THE CODE OF PRACTICE OF LOUISIANA.

The Law Department was organized in 1847. Under a series of distinguished professors it has been in successful operation ever since.

The degree of Bachelor of Laws granted by the University entitles the person on whom it is conferred to admission to the bar of this State. The graduates of the school constitute a large number of the most respectable practitioners of law in Louisiana. Some of them now occupy high judicial positions.

The great fountain of the jurisprudence of Louisiana is the Roman Civil Law. While it is necessary to study here, as in other States of the Union, the Laws of Nature and Nations, Admiralty and Maritime Law, the Common Law, Equity and Constitutional Law, it becomes absolutely requisite to add to these the study of Civil Law, from which the provisions of the Code of Louisiana are mainly borrowed.

The lectures and course of studies are comprehensive. The Faculty aim to prepare the student for admission to the bar, not only in this State, *but also in any of the common law States of the Union.* The school is not designed or limited to educate one for the practice of the law in Louisiana only. It invites to its lectures all who wish to fit themselves

for the practice of the law, no matter where they now reside or in what State they may intend to follow this noble calling. The study of the two great systems of law, side by side, is to the student of any intellectual grasp a long step in the science of Comparative Jurisprudence.

The jurisprudence arising from the conflict of the law of different States and Nations, in their actual application to modern commerce and intercourse, is here practically taught by cases daily arising in the business of private persons.

The Supreme Court, the various courts of the State, the Circuit Court and the District Courts of the United States, hold their sessions in New Orleans during the whole period of the course of lectures of this department of the University. Thus, from the actual administration of justice in these courts, from the discussions at the bar and the opinions of the learned judges, as well as from the lectures of the Professors of the Law Department of the University, students have an opportunity of becoming acquainted with the theory of foreign laws as well as of our own laws, and of familiarizing themselves with the practice of the State and Federal Courts.

The Library of the State has been suitably arranged over the lecture room in the University Building, devoted to the Department of Law, corner of Tulane avenue and University Place. This library consists of nearly thirty thousand volumes, and includes a highly valuable collection of foreign and American legal works, and of law reports. During term time it is open daily from 9 A. M. until 3 P. M., and from 4 P. M. until 6 P. M. The use of the books is secured to students free of charge, under rules established by the Secretary of State.

Boarding in New Orleans for students can be had at moderate prices. No other city in the Union affords equal advantages for the acquisition of the modern languages.

REGULATIONS.

Every applicant for admission must be personally known to one of the professors or satisfactorily introduced.

Instruction will be given at the school daily during term time by lectures and expositions, and examinations in connection with them.

Moot Courts will be held for the instruction of the students in practice.

There will be a regular Public Commencement of the Department every year.

The Faculty will, previous to the Commencement, determine upon the qualifications of applicants for the degree of Bachelor of Laws and present their names to the administrators.

The degree of Bachelor of Laws will be conferred on those students only who shall have attended *two full courses* of lectures; or *one full course*, after having pursued their studies for the term of twelve months under the direction of a respectable counselor-at-law, or in an institution having power to confer the degree of Bachelor of Laws, and who shall, on examination by the professors, be found worthy of the honor.

The degree will be conferred on Commencement Day in public, according to the forms usually observed in Universities.

The degree will not be conferred on any student under the age of twenty-one years, or who shall not attain that age on or before the 15th day of November next after his application for the degree. But in no case will the diploma be delivered until the graduate reach his majority.

Every graduate of this Department is entitled to attend the lectures without charge.

No matriculation fee is now required. Diplomas will be granted without charge therefor. Eighty dollars, payable in advance, is the only charge made by this Department for the lectures and instruction of an entire session.

Students may enter at any stage of their professional studies, and at any time in the term; they may avail themselves of the advantages of the school in whatever manner and to whatever extent they may see fit. But those who join the class after the 15th of January will not be considered as having taken a full course.

The next annual session of this Department will begin Monday, November 18, 1889, and terminate in the ensuing month of May.

The exercises for the session 1889-'90 will be opened by the Dean, by public lecture, at 6:30 P. M., on the 19th day of November.

Daily thereafter, at the customary hours, the regular lectures of the session will be delivered. These lectures will be open to none but matriculates and graduates of this Law School, except upon especial invitation.

Commencement exercises, May, 1890.

All communications should be addressed to

HENRY C. MILLER,

*Dean of the Faculty of Law,
27 Commercial Place,
New Orleans, La.*

TEXT BOOKS OF THE LAW DEPARTMENT.

KENT'S COMMENTARIES,
WOOLSEY'S INTERNATIONAL LAW,
WHEATON'S INTERNATIONAL LAW,
CONKLIN'S U. S. ADMIRALTY.

CIVIL CODE OF I.A. AND CODE OF PRACTICE,
COOPER'S JUSTINIAN,
LAURENT, COURS DE DROIT CIVIL,
MARCADÉ ON THE FRENCH CODE, or
MOURLON, RÉPÉTITIONS ÉCRITES, Etc.

BLACKSTONE'S COMMENTARIES,
STORY'S EQUITY JURISPRUDENCE,
SMITH'S MANUAL OF EQUITY,
SMITH'S MERCANTILE LAW,
STORY ON BILLS OF EXCHANGE AND PROMISSORY NOTES,
ABBOTT ON SHIPPING,
ARNOULD ON INSURANCE,
GREENLEAF ON EVIDENCE.

ROLL OF LAW STUDENTS.

SESSION 1888-'89.

Avery, Daniel D.	Gurley, Hewes T.
Amacker, Amos K.	Hanlon, Andrew J.
Andry, George C.	Harris, Louis A.
Armstrong, Guy A.	Hennessey, Patrick F.
Braughn, George H.	Horn, William K.
Broussard, Robert F.	Hughes, W. L.
Buik, Walter J.	Kemp, Duncan S.
Caspari, Richard L.	Kenner, Hiddleston
Cotonio, Theodore	Lichtenstein, B. H.
Dunn, Arthur	Luzenberg, Charles C.
Doriocourt, Martin E.	McCall, William J.
Dubuisson, Edward B.	McLeod, William C.
Dupuy, Alexander	Marinoni, Ulysses
Dymond, John Jr.,	Marks, John
Eustis, C. M.	Michelet, Louis E.
Ewing, Albert E.	Onorato, Joseph L.

Favrot, George	Otero, Richard B.
Favrot, Henry L.	Paquet, Louis P.
Flynn, John Q.	Patton, George T.
Font, Frederick C.	Puig, Felix J.
Forman, Charles	Rainold, Frank E. E.
Forman, Benjamin R. Jr.,	Richardson, Francis R.
Gagne, Harris	Roberts, Norton R.
Garland, Lee	Stiff, Peter
Gasquet, Marshall J.	Wells, H. P. Jr.,
Gordy, Minos T.	Whitney, William R. M.

GRADUATES, MAY 16, 1889.

Amacker, Amos Kent	Gordy, Minos T.
Andry, George Charles	Gurley, Hewes Thomas
Avery, Daniel Dudley	Garland, Robert Lee
Braughn, Jr., George H.	Harris, Louis Allen
Broussard, Robert F.	Hennessy, Patrick Francis
Burke, Walter J.	Kenner, Hiddleston
Cotonio, Theodore	Luzenberg, Chandler Clement
Dunn, Arthur	Marinoni, Jr., A. M. Ulysses
Dubuisson, Edward Benjamin	Marks, John
Doriocourt, M. E.	McLeod, William Charles
Dupuy, Alexandre	Michelet, Louis E.
Ewing, Albert Edward	Paquet, Louis P.
Favrot, Henry L.,	Puig, A. M. Joseph Felix
Font, Frederic Clarence	Rainold, Frank Edward
Forman, Charles	Roberts, Norton Roger
Flynn, John Quincy	Richardson, Frank Rivers
Gagne, Harris A.	Stiff, Peter

MEDICAL DEPARTMENT.

FACULTY:

STANFORD E. CHAILLÉ, M. D.,
DEAN AND PROFESSOR OF PHYSIOLOGY AND PATHOLOGICAL ANATOMY.

T. G. RICHARDSON, M. D.,
EMERITUS PROFESSOR OF SURGERY.

JOSEPH JONES, M. D.,
PROFESSOR OF CHEMISTRY AND CLINICAL MEDICINE.

SAMUEL LOGAN, M. D.,
PROFESSOR OF GENERAL AND CLINICAL SURGERY.

ERNEST S. LEWIS, M. D.,
PROFESSOR OF GENERAL AND CLINICAL OBSTETRICS AND DISEASES OF
WOMEN AND CHILDREN.

JNO. B. ELLIOTT, M. D.,
PROFESSOR OF THE THEORY AND PRACTICE OF MEDICINE AND CLINICAL
MEDICINE.

EDMOND SOUCHON, M. D.,
PROFESSOR OF ANATOMY AND CLINICAL SURGERY.

A. B. MILES, M. D.,
PROFESSOR OF MATERIA MEDICA, THERAPEUTICS AND HYGIENE.

LECTURERS AND DEMONSTRATORS:

STERLING D. KENNEDY, M. D.,
LECTURER UPON DISEASES OF THE EYE AND EAR.

HENRY W. BLANC, M. D.,
LECTURER ON DERMATOLOGY.

RUDOLPH MATAS, M. D.,
DEMONSTRATOR OF ANATOMY.

A. McSHANE, M. D.,
ASSISTANT DEMONSTRATOR OF ANATOMY.

A. L. METZ, PH. G.,
INSTRUCTOR OF PRACTICAL PHARMACY.

E. LAPLACE, M. D.,
DEMONSTRATOR OF MICROSCOPICAL ANATOMY AND OF BACTERIOLOGY.

This institution, founded in 1834 as the "Medical College of Louisiana," became in 1847 the "Medical Department of the University of Louisiana," and in 1884 the "Medical Department of the Tulane University of Louisiana." To April, 1889, it had registered the names of 8913 students, and of these it had conferred diplomas on 2596—namely, on 2407 graduates in medicine, and 189 graduates in pharmacy.

The resignation of Prof. T. G. Richardson, M. D., who has served this institution thirty-one years, fourteen as Professor of Anatomy and seventeen as Professor of Surgery, including twenty years as Dean, was accepted May 20, 1889, at his own urgent request and to the great regret of the Faculty.

Dr. Samuel Logan, who served thirteen years as Professor of Anatomy and Clinical Surgery, and is well known to the alumni and students of this institution and also to the medical profession of the United States, has been chosen Professor of Surgery in place of Prof. Richardson.

The next annual course of instruction in this department, now in the fifty-sixth year of its existence, will begin on Monday, October 21, 1889, and end Saturday, March 29, 1890.* The commencement will be held on Wednesday, April 2. The first four weeks of the term will be devoted exclusively to Clinical Medicine, Surgery, Obstetrics and Gynæcology, in the wards and amphitheatre of the Charity Hospital; Practical Chemistry in the Chemical Laboratory, under the direction of the Professor; and Practical Anatomy in the spacious and well-ventilated anatomical rooms of the University.

The peculiar feature of the school is its unequalled hospital and anatomical advantages, to which the faculty would direct the special attention not only of medical students, but also of graduates of other schools.

Clinical Instruction at the Charity Hospital.

It is universally admitted that without abundant anatomical and clinical material no medical school, however numerous or eloquent its professors, can possibly fit its pupils for practical professional life. It is scarcely necessary to state that it is only in large cities that such advantages can be procured; but it is of paramount importance that the opportunities there afforded should be properly utilized; that the students should be required, under the direction of the teacher, to examine patients for themselves, to keep record of cases, to note daily changes which may occur, and thus acquaint themselves by personal observation with the progress and termination of diseases and accidents. The mere introduction of a patient into an amphitheatre, and the discussion of his case by the professor in the presence of a large class, is no substitute for bedside instruction, such as is offered by the great Charity Hospital of New Orleans; and no reduction of lecture fees, not even their entire abolition, can possibly compensate for the lack of such opportunities. The use of the wards of this noble institution, with its *seven hundred beds* and an annual occupancy thereof by from six to eight thousand visiting patients, has been given by acts of the Legislature to the Professors of the Medical Department of the Tulane University of Louisiana for the practical instruction of its students, not only in Medicine and Surgery, but also in Obstetrics and Gynæcology. Medical students are given access to the Charity Hospital, without payment of any

*The attempt to prejudice students against New Orleans by the publication of unfavorable statements concerning the health of the city is unworthy of notice, except to inform any one who may be ignorant of the fact that only two epidemics of yellow fever have occurred here since 1858. During the fifty-five years of the existence of the institution, no student has died from this cause during lecture term.

hospital fees, and far better opportunities for the study of diseases therein than are usually enjoyed in the hospitals of other cities. For the study of the diseases of the Southwest there is no field comparable to the wards of this hospital. Between the buildings of the Medical Department and of the Charity Hospital there are only six squares, which distance is readily walked within six minutes.

The following table of 6111 cases treated in the wards of the Charity Hospital, during the year 1888, will give some idea of the great advantages possessed by the Medical Department for the practical study of Medicine and Surgery:

DISEASES.	NUMBER OF CASES.	DISEASES.	NUMBER OF CASES.
Fevers, and other general.....	1,730	Venereal.....	328
Nervous system.....	458	Bones and Joints.....	98
Circulatory system.....	205	Local Injuries and Diseases.....	1008
Respiratory.....	692	Eye and Ear.....	194
Digestive.....	587	Skin.....	60
Genito-Urinary Organs.....	235	All other Diseases.....	179
Women (143 obstetrical cases).....	337	Total.....	6,111

There were 870 deaths and 146 births, and a daily average of 673 in-door patients. In addition to the 6111 "in-door" patients, there were 13,524 "out-door" or visiting patients, who are sent to the wards for diagnosis and treatment. These 13,524 "out-door" patients furnished for instruction the following valuable material, viz.: 5392 Medical, 3769 Surgical, 931 Venereal cases, 295 Gynæcological cases, 1311 cases of diseases of children, and 1484 cases of diseases of the eye, ear and throat.

The grand total of patients in the Charity Hospital was 19,635, of whom 5717 were colored. There are 16 wards for females. Of the 52 wards in the Charity Hospital, there are 22 Medical, 14 Surgical, 2 Obstetrical, and 2 Gynæcological wards, 2 for children, 4 for diseases of the nervous system, 2 for venereal diseases, 2 for diseases of the eye and ear, 1 for skin diseases, and 1 pay-ward; and all these wards, except the last one, are accessible to the students.

It is manifest that these facilities for *genuine* clinical teaching, which recent improvements in the hospital have greatly increased, are now unsurpassed by any medical college in the United States; and that such advantages in medical education are being more and more appreciated is attested by the increasing size of the classes.

All the professors are Attending Physicians or Surgeons of the Hospital, and visit their wards daily, accompanied by the students, who are thus brought into immediate contact with the sick and wounded, and are taught practically auscultation and percussion, analysis of urine, the application of dressings, etc. Surgical operations are performed and lectures delivered upon selected cases in the amphitheatre of the hospital.

Special instruction is given to the candidates for graduation, who are, for this purpose, divided into classes, assigned to the respective professors in charge of the wards in the Hospital, and required to keep records of cases under their care. The classes thus formed interchange courses, so as to enable the candidates to enjoy equal advantages. Competent Chiefs of Clinic aid the clinical teachers in developing this system of instruction. Students who are not candidates for graduation make the daily hospital rounds with any of the clinical teachers. The following professors and their respective Chiefs of Clinic will be on duty the ensuing session:

PROF. S. E. CHAILLÉ, M. D.	HENRY BAYON, M. D.	} <i>Chiefs of Clinic.</i>
" JOSEPH JONES, M. D.	STANHOPE JONES, M. D.	
" ERNEST S. LEWIS, M. D.	F. H. BRICKELL, M. D.	
	C. L. SEEMANN, M. D.	
	P. MICHINARD, M. D.	
" SAM'L LOGAN, M. D.	CHAS. CHASSAIGNAC, M. D.	
	WARREN S. BICKHAM, M. D.	
" JOHN B. ELLIOTT, M. D.	J. H. BEMISS, M. D.	}
	P. E. ARCHINARD, M. D.	
" EDMOND SOUCHON, M. D.	RUDOLPH MATAS, M. D.	
	E. LAPLACE, M. D.	}
" A. B. MILES, M. D.	JNO. J. LAURANS, M. D.	

The regular lectures at the Hospital, on Clinical Medicine, by Professors Elliott and Jones; on Surgery, by Professors Logan and Souchon; and on Obstetrics and Diseases of Women and Children, by Professor Lewis, will be delivered in the amphitheatre, daily, between 8:30 A. M. and 12 M.

Post-mortem examinations are made in the presence of the class by the Professor of Pathological Anatomy.

Diseases of the Eye and Ear are taught in the eye-wards and amphitheatre of the Hospital and constitute a part of the curriculum of the surgical chair.

Special instruction in diseases of the skin is given by the Lecturer on these diseases.

The Administrators of the Charity Hospital elect annually, by competitive examination in March, fourteen resident students, who are entitled to board and lodging in the institution free of charge. Two resident students in the Touro Infirmary are also similarly elected annually.

LECTURES.

Order of Lectures.—The programme will be so arranged that the lectures upon the elementary branches, taught by the four chairs of Chemistry, Anatomy, Physiology and Materia Medica, will occupy a somewhat larger proportion of hours during the first ten weeks of the session than the practical studies, Practice of Medicine, Surgery, Obstetrics and Gynæcology. On this account it is very important that the student should enter promptly at the opening of the term.

Didactic Lectures.—Systematic didactic instruction in the various branches will be given daily, immediately after the Hospital clinics, in the central building of the University, situated on Tulane avenue, between Baronne and Dryades streets. The means for illustrating this course consists of models in wood, wax, plaster and papier maché of rare and beautiful workmanship, executed in London, Paris and Florence, expressly for the University; a complete series of specimens in materia medica, surgical and obstetrical instruments and appliances, a large collection of natural anatomical preparations, specimens in morbid anatomy, and a set of chemical and philosophical apparatus. The Professor of Anatomy, after his lectures, teaches microscopic anatomy practically with specimens under the microscope.

The faculty call attention to the fact that the subject of Hygiene has been added to the regular curriculum of the school. This course is obligatory on students.

REQUISITES FOR GRADUATION.

- I.—The candidate must be of good moral character, and have attained the age of twenty-one years.
- II.—He must present evidence of having studied medicine for at least three years. One of these three years, if not passed at a regular medical college, may be

occupied either in taking the Preparatory Course of the Collegiate Department or in studying under the direction of a regular graduate.

III.—He must have attended two full courses of lectures and of dissections in a generally recognized medical college, the last of which must have been in this institution.

IV.—He must write a thesis on a medical subject and present it to the Dean at least one month before the close of the session.

V.—He must pass a satisfactory examination before the Faculty.

VI.—He must have paid in full all college dues, including the graduation fee.

(Students who intend to present themselves for examination are advised to write their theses during the summer vacation).

PREPARATORY COURSE.

The Academical Department of the University offers the following course, as preliminary to the study of medicine, at Fifty Dollars; with the privilege of the Drawing Class:

Physics; Chemistry (and in Laboratory); Biology (and with Microscope); Botany; Rhetoric; German and English Literature.

This course, although recommended by the faculty, is not obligatory, but will be received as equivalent to one year's study in a physician's office.

TERMS PER ANNUAL SESSION.

	1ST SESSION.	2D SESSION.
Matriculation Ticket (once only on admission).....	\$ 5 00	\$
General Ticket to the Lectures of all Professors.....	140 00	140 00
Ticket of Demonstrator of Anatomy.....	10 00	10 00
Diploma Fee (once only, when graduated).....	.....	30 00
Total.....	\$155 00	\$180 00

After the total fees (for two full courses) of \$305, as above, have been paid, no fees (except for the diploma and for the demonstrator) are required for subsequent courses, however numerous. The payment of the total \$335 (diploma included) may be distributed over a three years' course, as follows, viz.: \$115 the first year, \$110 the second and \$110 the third year. All fees are payable in advance.

It will be noticed that the fees of the Department remain the same as those of the leading medical schools of New York and Philadelphia. Considering the unusual opportunities afforded for practical instruction, and the constant care and labor bestowed upon the pupils, the charges are reasonably low, and the Faculty, therefore, appeal to their professional brethren throughout the South and West to continue their support to an institution which does not seek to increase the size of its classes by pecuniary rivalry, but by offering a *full equivalent for its charges*.

Students who have attended and paid for two full courses, the last of which was in this institution, are thereafter entitled to attend lectures without charge; and it is the earnest desire of the Faculty that they should avail themselves of this privilege, to the extent of at least one additional course, before applying for graduation. It is gratifying to be able to state that many members of the class (one-third to one-half of the graduates) annually follow this course, and their high standing at the final examinations, their better preparation for the practice of their professions, and their more successful careers, more than compensates them for their longer attendance upon lectures.

As a still further inducement, the Faculty will hereafter permit students, who have attended and paid for two courses of lectures, the last of which shall have

been in this institution, examinations upon one or more of the elementary branches taught by the Chairs of Chemistry, Anatomy, Physiology and *Materia Medica*. These examinations, if successful, will not be repeated, but if the applicant should fail upon one or more of them, he will be granted a second trial upon these when he shall present himself for final examination.

Graduates of other respectable schools are admitted to all the privileges of the Department upon payment of the matriculation and half lecture fees; and are entitled, thereafter, to attend subsequent sessions gratuitously. They cannot, however, obtain the diploma of the University without passing the regular examination and paying, in addition, the usual graduation fee. Graduates are also given the privilege of attending special courses at less than \$20 each, provided that the tickets of more than two professors are purchased.

MICROSCOPICAL LABORATORY.

A Microscopical Laboratory for the better study of normal and morbid Anatomy and Bacteriology has been established, with Dr. Ernest Laplace, a pupil of Pasteur and of Koch, in charge. The fee for this voluntary course will be \$10.

INSTRUCTION IN PHARMACY.

The Medical Faculty is also authorized by law to grant diplomas in Pharmacy, and has exercised this privilege since 1838, having now 189 graduates, 134 of whom have been graduated during the past twelve years.

These students are required to attend the lectures given by the Professor of *Materia Medica* and Therapeutics, and by the Professor of Chemistry, receiving practical instruction in the Chemical Laboratory; and also to attend the instruction in Practical Pharmacy, given in the excellent Pharmaceutical Laboratory, established in 1887. Instruction in this Laboratory is graded, and consists of a junior and a senior course. Reputable women are admitted to the Laboratory, but not to the Lecture Rooms.

Attendance upon two such courses entitles the student in pharmacy to be a candidate for the degree of Master of Pharmacy, *provided* that he submits to the Dean a satisfactory certificate of at least two years' practical experience, under the instruction of a competent pharmacist.

The charge for the full course in pharmacy is \$60, or \$20 for each of the three branches; and also \$20 for the graduation fee. In addition, every student is required to pay the matriculation fee of \$5 (for the first session only), and to deposit a "breakage fee" of \$5, to reimburse any injury needlessly inflicted on the Pharmaceutical Laboratory and its contents; at the end of the session the "breakage fee" is refunded in whole or in part, depending on the charges incurred by the student. The total fees paid by a student in pharmacy are, therefore, \$70 for the first and \$85 for the second course.

Students in medicine who take also the course in pharmacy, pay only the Pharmaceutical Laboratory fee of \$20, and the "breakage fee" of \$5; and this extra charge of \$25 must also be paid by students in pharmacy who may desire to attend more than two courses in the Laboratory. Students in pharmacy, as in medicine, are not charged for the tickets of professors after attendance upon two courses.

The Pharmaceutical Laboratory will be opened for instruction on Monday, October 21, 1889.

STANFORD E. CHAILLÉ, M. D.,

NEW ORLEANS, LA., June, 1889.

Dean of the Medical Faculty.

GRADUATES OF 1889.

At the fifty-fifth Annual Commencement, held Wednesday, April 3, 1889, the Annual Address was delivered by Prof. Ashley D. Hurt, A. M.; the Valedictory by Dr. John E. Davis, of the graduating class; and degrees were conferred on ninety-two graduates, viz.: seventy-eight in Medicine and fourteen in Pharmacy.

GRADUATES IN MEDICINE—78.

NAMES.	POSTOFFICE.	COUNTY.	STATE
ATKINS, HUGH.....	Knox Point.....	Bossier.....	La
BASKERVILLE, WM. F.....	Cobbs.....	Lonoke.....	Ark
BETHEA, JOHN JEFFERSON.....	Richmond.....	Covington.....	Miss
*BORDE, ROBERT U.....	New Orleans.....	Orleans.....	La
†BOYD HUGH.....	LaGrange.....	Troup.....	Ga
BROYLES, HENRY FRANKLIN.....	Hamilton.....	Monroe.....	Miss
BRUMBY, WILLIAM M.....	Delhi.....	Richland.....	La
BURKHALTER, WM. ALEX.....	Harrison.....	Tallahatchie.....	Miss
CAWOOD, CHAS. MEIGS.....	Dandridge.....	Jefferson.....	Tenn
CHEEK, ELBERT ALSTON.....	Millville.....	Madison.....	Miss
COMBE, FREDERICK J.....	Brownsville.....	Cameron.....	Tex
DAVIS, JOHN E.....	Crawford.....	Lowndes.....	Miss
*DELANEY, JOHN THOMAS.....	New Orleans.....	Orleans.....	La
DURIO, ABBE CYRIAQUE.....	Arnaudville.....	St. Landry.....	La
DYER, ISADOKE.....	Galveston.....	Galveston.....	Tex
ELLIOT, JOS. MANUEL.....	New Orleans.....	Orleans.....	La
FORDTRAN, FRANCIS LALLIET.....	Flatonia.....	Fayette.....	Tex
FOREMAN, THOS. COLMAN.....	Baton Rouge.....	E. Baton Rouge.....	La
FOSTER, DIXIE N.....	Franklin.....	St. Mary.....	La
FRANCIS, SIDNEY JOS.....	Prairie Lea.....	Caldwell.....	Tex
GALLOWAY, CHAS.....	Canton.....	Madison.....	Miss
GILL, JNO. M. F.....	Prescott.....	Nevada.....	Ark
GILMORE, VICTOR LEE.....	New Orleans.....	Orleans.....	La
GLADNEY, AYLNER D.....	Homer.....	Claiborne.....	La
GOODWIN, FRANK G.....	Mt. Carmel.....	Covington.....	Miss
*GROENEVELT, JNO. F.....	New Orleans.....	Orleans.....	La
HATTER, WM. REUBEN.....	Eutaw.....	Greene.....	Ala
HENINGTON, FRANK W.....	Tryon.....	Lawrence.....	Miss
*HUNT, RANDELL.....	New Orleans.....	Orleans.....	La
JENKINS, SIMEON B.....	Geneva.....	Geneva.....	Ala
JOHNSTON (M. D.), WM. SIDNEY.....	Scarboro.....	Scriven.....	Ga
KIMBROUGH, FLAVIUS F.....	Clifton.....	Wilcox.....	Ala
KING, HENRY ALLEN.....	New Iberia.....	New Iberia.....	La
LARUE, JR., FELIX A.....	New Orleans.....	Orleans.....	La
LEHMAN, VICTOR.....	Hahnville.....	St. Charles.....	La
LEWIS, W. H. H.....	Woodville.....	Wilkinson.....	Miss
LIDDELL, WILLIAM W.....	Greenwood.....	Leflore.....	Miss
LIPSCOMB (M. D.), WILLIAM D.....	Grapevine.....	Tarrant.....	Tex
LITTLE, WM. LEE.....	Rockport.....	Copiah.....	Miss
LOVEJOY, CHAS. A.....	New Orleans.....	Orleans.....	La
LYONS, AUGUSTUS L.....	Edgerly.....	Calcasieu.....	La
MCCAIN, HENRY H.....	Montgomery.....	Grant.....	La
MCCARDELL, DOUGLASS.....	Livingston.....	Polk.....	Tex
MCGEHEE, ROBERT W.....	Ammannsville.....	Fayette.....	Tex
†MAGRUDER, MARCUS J.....	New Orleans.....	Orleans.....	La
MARCH, JOHN A.....	Mt. Enterprise.....	Rusk.....	Tex
MEANS, GEO. EVINS.....	Spartanburg.....	Spartanburg.....	S. C
*MEYER, LOUIS E.....	Thibodaux.....	Lafourche.....	La
MORRIS, JNO. COLLIN.....	Lott.....	Washington.....	Tex
MURPHY, RENE ANDREW.....	New Orleans.....	Orleans.....	La
NOTHACKER, WM.....	New Orleans.....	Orleans.....	La
OWEN, JAMES LEE.....	Terrene.....	Bolivar.....	Miss
PECOT, LOUIS FERNAND.....	Charenton.....	St. Mary.....	La
PERKINS, DOSITE S.....	Sulphur City.....	Calcasieu.....	La

*POTHIER, OLIVIER L	New Orleans	Orleans	La
POWELL, GEO. FLETCHER	Terrell	Kaufman	Tex
PRICE, GEO. REA	Hazlehurst	Copiah	Miss
PUGH, SIDNEY STUART	Grove Hill	Clarke	Ala
PUGH, WHITMELL H	New Orleans	Orleans	La
REDDITT, GEO. IRBY	Carrollton	Carroll	Miss
*ROCQUET, ALBERT P	New Orleans	Orleans	La
ROUSSEL, WM. D.	Patterson	St. Mary	La
*SABATIER, GEO. J	Lafourche Cross'g	Lafourche	La
*SCHERCK, HENRY JOS	New Orleans	Orleans	La
SHELBY, JNO. MAGRUDER	Revive	Madison	Miss
SONIAT DU FOSSAT, JOS. M	New Orleans	Orleans	La
STAMPS, ASA MONROE	Harwood	Gonzales	Tex
STELL, GEO. STEPHEN	Paris	Lamar	Tex
STEWART, ALEX. POLK	Amite City	Tangipahoa	La
SURGHINOR, GRAHAM	Monroe	Ouachita	La
TACKETT, JNO. ROBERT	Richland	Holmes	Miss
THOMPSON, ANDREW J.	College Hill	Columbia	Ark
WALKER, EDWIN R.	Schulenburg	Fayette	Tex
WALKER, WM. HAYDEN	Schulenburg	Fayette	Tex
WEAVER, LARKIN WM	Prescott	Nevada	Ark
WILKINSON, JAMES H.	Boyce	Rapides	La
WINSTON, GEO. HENRY	West Point	Troup	Ga
YOUNG, CHAS. THOS.	Waco	McLennan	Tex

*Resident Students in the Charity Hospital.
†Resident Students in the Touro Infirmary.

GRADUATES IN PHARMACY—14.

NAMES.	POSTOFFICE.	COUNTY	STATE
BROOKS, CLAUDE M	Baton Rouge	East Baton Rouge	La
CAIRE, ARTHUR	Brusly Landing	West Baton Rouge	La
HUNTER, JOSIAH I.	New Orleans	Orleans	La
MCDONALD, CHAS. A.	New Orleans	Orleans	La
MCRORY, H. WHITFIELD	Monticello	Jefferson	Fla
MASSON, VICTOR	New Orleans	Orleans	La
METZ, ABRAHAM L.	New Orleans	Orleans	La
PETERS, LEONARD J.	New Orleans	Orleans	La
SCHNEIDER, HENRY CHAS	New Orleans	Orleans	La
SEEMANN, GEO. FRED.	New Orleans	Orleans	La
SHELDON, C. E. V	New Orleans	Orleans	La
SHELLY, WATER P	New Orleans	Orleans	La
SHERWOOD, WM. F.	New Orleans	Orleans	La
STOLZENTHALER, MICHAEL	New Orleans	Orleans	La

Marticultates of the Session, 1888-'9—330.

NAME.	PRECEPTOR.	STATE.
ADAMS (M. D.), JNO. R	Med. Dept. Tulane Univ. La., 1888.	Louisiana
†AHRONS, PERCY	Dr. Wright	Louisiana
ALBERS, EDW. M.	Med. Dept. Tulane Univ. La	Louisiana
ALFORD, JULIUS W.	Dr. J. T. Alford	Mississippi
*AMES, ROGER P	Charity Hospital	Louisiana
ANGELL, RICHARD	Dr. R. Angell	Louisiana
ARCENEUX, LOUIS B.	Dr. J. P. Francez	Louisiana
*ARMSTRONG, GREER	Dr. J. T. Scott	Louisiana
ARNOLD, PHILIP	Dr. Bayard Holmes	Illinois
ATKINS, HUGH E.	Dr. Hargrove	Louisiana
BAILEY, TILFORD T.	Dr. E. A. Rowan	Mississippi
BANKSTON (M. D.), R. C.	Med. Dept. Tulane Univ. La. 1888.	Mississippi
BARROW, A. FELTUS	Dr. James Rigney	Louisiana
BASKERVILLE, WM. F.	Dr. J. M. Britton	Arkansas
BASS, THOS. B.	Drs. J. H. Bass and James Orr	Texas
BATES (M. D.), M. P.	Med. Dept. Tulane Univ. La. 1886.	Mississippi
BAZET, EDW. F.	Dr. C. A. Duval	Louisiana

BEARD, GEO. R	Dr. Geo. Huhner	Louisiana
BEAUCHAMP (M. D.), A. T. B	Med. Dept. Tulane Univ. La., 1887	Texas
BECKMAN, PAUL	Dr. A. Beckman	Texas
BEHREND, PETER J	Dr. H. A. Parra	Louisiana
BELDEN, HY. EVELYN	Dr. J. G. Belden	Louisiana
BERG (M. Ph.), LUDWIG M	Med. Dept. Tulane Univ. La.	Texas
BETHEA JNO. J.	Med. Dept. Tulane Univ. La.	Mississippi
BETTS (Ph. G.), WM. R	N. Y. Col. Pharmacy, 1888	Louisiana
*BLACK, HARDY C	Charity Hospital	Louisiana
BLALOCK (M. D.), W. C	Med. Dept. Tulane Univ. La., 1883	Texas
BLAND (M. D.), JASPER, JR.	Med. Dept. Tulane Univ. La., 1882	Louisiana
BLOCH, ALBERT J	Dr. R. M. Little	Louisiana
†BOETZ, HERMAN W		Louisiana
BOHN, HORATIO R	Dr. C. Piggot	Louisiana
BONNEY, JAS. BENJ	Dr. R. C. McCullough	Louisiana
BORDE, ROBERT U	Charity Hospital	Louisiana
BOURGEOIS, EUGENE	Dr. L. Deslattes	Louisiana
BOYD, HUGH	Dr. F. M. Ridley	Georgia
BRAMAN, DAN'L H	Dr. R. R. Hopkins	Texas
BRAMLITT, ALBERT C	Dr. E. P. Notrebe	Mississippi
BRANNON, CLAUDE	Dr. H. L. Brannon	Florida
BREWSTER, HIRAM W		Mississippi
BRICE, LAWRENCE A	Dr. James Orr	Texas
BRICKELL, WELHAM P	Dr. Frank H. Brickell	Louisiana
†BROOKS, CLAUDE M	Dr. F. M. Brooks	Louisiana
†BROWNEE, CHAS. G	Charity Hospital	Louisiana
BROWNLEE, JOHN SAM'L	Dr. Culbertson	Texas
BOYLES, HY. F	Dr. J. M. Green	Mississippi
BRUMBY, WM. M	Dr. G. M. D. Brumby	Louisiana
BUIE, NEILL H	Dr. J. W. Bennett	Mississippi
BURFORD, JOHN B	Dr. J. M. Burford	Texas
BURKHALTER, WILLIE A	Dr. J. G. Worley	Mississippi
BURNS, FRANK E	Med. Dept. Tulane Univ. La.	Louisiana
BUSH, LEONARD H		Texas
†CAIRE, ARTHUR	Med. Dept. Tulane Univ. La.	Louisiana
†CAIRE, NEMOURS	Med. Dept. Tulane Univ. La.	Louisiana
CAMPBELL, JOHN ROB'T	Dr. J. C. Anderson	Texas
CAMPBELL (M. D.), JOS. B	Memphis Hosp. Med. Col., 1885	Florida
CARRADINE, JOHN H	Vanderbilt University	Mississippi
CARRINGTON, JOHN P	Drs. Stuart and Boyles	Texas
CARTER, CHAS. WESLEY	Dr. J. H. Love	Mississippi
CAWOOD, CHAS. M	Dr. J. C. Cawood	Tennessee
CHALARON, FRANK J		Louisiana
CHANDLER (M. D.), G. C	Med. Dept. Tulane Univ. La., 1888	Louisiana
CHARLET, ALCEE M	Dr. Jos. Jones	Louisiana
CHEEK, ELBERT A	Dr. J. W. McGruder	Mississippi
CHRETIEN, JOS. F	Dr. J. N. Charbonnet	Louisiana
CLARK (M. D.), ABNER O	Med. Dep. Tulane Univ. La., '87	Louisiana
CLAWSON, CHAS. W		Louisiana
COCKERHAM, HY. S		Louisiana
*COLLINS, MILTON M	Dr. O. L. Collins	Louisiana
COMBE, FRED. J	Dr. R. Matas	Texas
COUVILLION, WALTER F	Dr. L. C. Tarleton	Louisiana
†DANNENMANN, EDWARD	Mr. H. Dannenmann	Louisiana
DARBY (M. D.), JNO. J	Louisville Med. College, 1880	Alabama
DAVIS, HY. LEE	Dr. J. H. Meineford	Louisiana
DAVIS (M. D.), H. M	Med. Dep. Tulane Univ. La., '86	Mississippi
DAVIS, JAS. ARCHIE	Dr. J. D. Smythe	Mississippi
DAVIS, JAS. PIERCE		Texas
DAVIS, JNO. EDGAR		Mississippi
†DELAHOUSSEY, ARTHUR J	Mr. A. G. Trese	Louisiana
DELANEY, JNO. THOMAS	Charity Hospital	Louisiana
DELAUF, SIDNEY P	Dr. P. E. Archinard	Louisiana
†DEMONSABERT, G. C	Mr. P. Barthe	Louisiana

DENMAN, RICHARD L.....	Dr. A. M. Denman.....	Texas
DICKERSON, LEWIS D.....	Dr. J. T. Alford.....	Mississippi
DOUSSAN, JOS. EDWARD.....	Med. Dep. Tulane University, La.....	Louisiana
DUFFEL, JNO. E.....	Dr. M. Fourgette.....	Louisiana
DUGGAN, JR., TIMOTHY.....	Dr. W. R. Haman.....	Louisiana
DURIO, ABBE C.....	Dr. G. W. Martin.....	Louisiana
DUSON, WALTER W.....	Dr. J. E. Shute.....	Louisiana
DYER, ISADORE.....	Med. Dept. University Virginia.....	Texas
DYMOND, FREDERICK.....	Dr. J. H. Bemiss.....	Louisiana
EARNs, JNO. D.....	Med. Dept. Tulane University La.....	Mississippi
ECKLES, GEO. R.....	Drs. Henderson.....	Mississippi
EDWARDS, CHAS. F.....	College Phy. and Sur., Baltimore.....	Mississippi
EILERS, MARTIN G.....	Dr. J. E. Clark.....	Texas
ELLIOT, JOS. M.....	Dr. J. N. Charbonnet.....	Louisiana
ELLIS, THOS. C. W.....	Dr. J. H. Ellis.....	Louisiana
ENGMANN, GEO.....	.....	Mexico
EPPELSON, ALBERT S.....	Dr. S. Bowers.....	Texas
ESKRIDGE (M. D.), C. E.....	Dr. C. P. Eskridge.....	Texas
†EVERARD, HENRY.....	W. T. Cluverius.....	Louisiana
FEELY, JAS. W.....	.....	Louisiana
FINLEY, THOS. J.....	Dr. J. Laurans.....	Louisiana
FINNEY, M. L.....	Dr. J. F. Finney.....	Louisiana
FOOTE, CHS. AUG.....	Dr. W. F. Clopton.....	Louisiana
FORDTRAN, FRANCIS L.....	Dr. B. W. Bristow.....	Texas
FOREMAN, THOS. C.....	Med. Dept. Tulane Univ. La.....	Louisiana
*FORTIER, ST. MARK.....	Dr. E. T. Shepard.....	Louisiana
FOSTER, DIXIE N.....	Dr. C. M. Smith.....	Louisiana
FRANCIS, SIDNEY J.....	Dr. M. Johnson.....	Texas
FREDERICK, VICTOR H.....	Med. Dept. Tulane Univ. La.....	Louisiana
GAINES, JNO. G.....	Dr. E. S. Lewis.....	Louisiana
GAGE, JR., JAS. B.....	Dr. Jas. B. Gage.....	Mississippi
GALLOWAY, CHAS.....	Dr. J. H. Galloway.....	Mississippi
GARDNER, STERLING P.....	Dr. W. H. Watkins.....	Louisiana
GARGARO, PAUL.....	Memphis Med. College.....	Tennessee
GATLIN, ROBT. E.....	Drs. O. P. Quin and W. P. Gatlin.....	Mississippi
GILBERT, F. J. S.....	Med. Dept. Tulane Univ. La.....	Louisiana
GILBERT, ROBT. GLEN.....	Touro Infirmary.....	Louisiana
GILL, J. M. F.....	Dr. W. E. Arnold.....	Arkansas
GILMORE, VICTOR L.....	.....	Louisiana
GLADNEY, AYLMEY D.....	Dr. L. Longino.....	Louisiana
GOODWIN, FRANK G.....	Dr. R. J. Magee.....	Mississippi
GROENEVELT, JNO. F.....	Charity Hospital.....	Louisiana
GROVE, GEO. W.....	Dr. A. L. Bibb.....	Texas
GUNBY (M. D.), J. P.....	Med. Dept. Tulane Univ. 1884.....	Texas
HAMMONS, WILLIS W.....	Med. Dept. Tulane Univ., La.....	Louisiana
HANEMANN, LOUIS.....	.....	Louisiana
HARKINS (M. D.), G. W.....	Med. Dept. Tul. Univ. La. 1887.....	Ind. Territory
HARPER (M. D.), WM. D.....	Med. Dept. Tulane Univ. La. 1885.....	Louisiana
*HARPER, WM. WADE.....	Dr. G. W. Kyser.....	Alabama
HARRIS, EUGENE A.....	Dr. R. L. Harris.....	Texas
HATTER, WM. R.....	Med. Dept. Tulane Univ. La.....	Alabama
HAWKINS, ROBT. G.....	Dr. B. T. Mosely.....	Louisiana
HENDERSON, THOS.....	Dr. H. S. Chester.....	Tennessee
HENINGTON, FRANK W.....	Dr. B. D. Henington.....	Mississippi
HILTON (M. D.), CHAS. W.....	Med. Dept. Tulane Univ. La. 1887.....	Louisiana
HORTON, CLARENCE L.....	University of Alabama.....	Alabama
HUNT, EDWIN C.....	.....	Mississippi
HUNT, RANDELL.....	Charity Hospital.....	Louisiana
†HUNTER, JOSIAH I.....	Dr. Jos. Jones.....	Louisiana
HUNTER, O. BRANSON.....	Dr. J. F. Hooks.....	Texas
HYLAND, CLAIBORNE S.....	.....	Mississippi
ISBESTER, RICHARD T.....	Dr. Henry Macdonald.....	Tennessee
JACOBSON, SIDNEY D.....	Dr. Howard.....	Illinois
JEFFERIES, CHAS. A.....	.....	South Carolina

JENKINS, SIMEON B	Dr. H. J. Smisson	Alabama
JENNINGS (M. D.), C	Med. Dept. Tulane Univ., 1883	Arkansas
JOHNSON, HARRY MCC		Louisiana
JOHNSON (M. D.), JNO. H	Med. Dept. Tulane Univ. La., 1888	Louisiana
JOHNSTON, OSWALD L	Dr. Wm. Judge	Florida
JOHNSTON (M. D.), WM. SIDNEY	University of Virginia	Georgia
JOWERS, EMMETT	Dr. Clebe Jowers	Georgia
KENDRICK (M. D.), JOEL. B	Alabama Med. Col., 1882	Alabama
KIMBROUGH, F. F	Dr. W. T. Haddox	Alabama
KING, HENRY A	Dr. T. J. Woolf	Louisiana
KING (M. D.), S. F	Univ. Louisville, 1884	Texas
KNOLLE, ALBERT P	Dr. B. E. Knolle	Texas
KOHNKE, QUITMAN		Louisiana
KUYKENDALL, JNO. WOOD	Dr. V. T. Hart	Texas
LANDFRIED, CHAS. JNO		Louisiana
*LARUE, JR., FELIX A	Charity Hospital	Louisiana
LASTRAPES, WM. R	Dr. R. H. Littell	Louisiana
LEAKE (M. D.), JAS	Med. Dept. Tulane Univ. La., 1884	Louisiana
†LEAKE, JNO. P	Med. Dept. Tulane Univ. La.	Louisiana
LEBEUF (M. D.), L. G	Med. Dept. Tulane Univ. La., 1887	Louisiana
LEDBETTER, BENJ. A	Dr. J. M. Ledbetter	Louisiana
LEDoux, ALEX	Dr. J. H. Wiendahl	Louisiana
LEHMAN, VICTOR	Med. Dept. Tulane Univ. La.	Louisiana
LEOPOLD, JOS. LEE	Dr. R. L. Armstrong	Louisiana
LEWIS, H. SIDNEY	Dr. E. S. Lewis	Louisiana
LEWIS, W. H. H	Dr. E. L. McGehee	Mississippi
LICHTENHELDT, AUGUST	Dr. J. C. Mohr	Louisiana
LIDDELL, WM. W	Dr. J. W. Young	Mississippi
LIPSCOMB (M. D.), W. D	Missouri Med. Col.	Texas
LITTLE, WM. LEE	Dr. E. A. Rowan	Mississippi
LOCKHART, THOS. ERNEST	Dr. O. L. Shivers	Alabama
LOVEJOY, CHAS. A	Louisville Med. College	Tennessee
LOWE, LEE GEO	Dr. M. M. Lowe	Louisiana
LUCKETT, JR., ROBT. L	Med. Dept. Tulane University	Louisiana
LUTEN (M. D.), JOS. R	Med. Dept. University La., 1868	Kentucky
LYONS, AUGUSTUS L	Drs. Lyons and Brown	Louisiana
LYONS, DAVID E	Dr. E. J. Lyons	Louisiana
MCBRIDE, MARTIN A	Louisville Med. College	Texas
MCCAIN, HY. H	Dr. T. J. Harrison	Louisiana
MCCALEB, JAS. F	Dr. W. R. Harnon	Louisiana
MCCARDELL, DOUGLASS	Drs. J. H. and W. K. McCardell	Texas
MCCOWN, JAS. RANE	Dr. H. A. Tutwiler	Texas
†MCDONALD, CHAS. A	G. W. McDuff	Louisiana
MCGEHEE, ROBT. W	Dr. J. C. B. Renfro	Texas
MCKAY, JNO. H	Dr. J. H. McKay	Mississippi
MCKENNA (M. D.), PATRICK J	Med. Dept. Tulane Univ. La., 1888	Louisiana
MCMILLAN, LANDY	Dr. A. M. Dodds	Mississippi
MCMILLAN, THOS. M	Dr. W. W. McMillan	Alabama
MCCRONE (M. D.), W. O	Med. Dept. Tulane Univ. La., 1886	Mississippi
†MC RORY, H. WHITFIELD	Dr. Geo. E. Denesis	Florida
MCVEY, B. P	Dr. Canfield	Texas
MAGEE, THOS. K	Dr. A. M. Dodds	Mississippi
MAGRUDER, MARCUS J	Touro Infirmary	Louisiana
†MAILHES, ERNEST J	Mr. Eugene Lalmont	Louisiana
MALONEY, HY. H	Med. Dept. Tulane University La.	Louisiana
MARCH, JNO. A	H. G. Long	Texas
*MARTIN, EDM. DENEGRE	Dr. F. S. Mudd	Louisiana
MARY, ARMAND	Dr. V. Mary	Louisiana
†MASSON, VICTOR	Mr. B. Lavigne	Louisiana
MEANS, GEO. E	Dr. A. L. Moore	South Carolina
MEISSNER, OSCAR H	Dr. W. P. Thompson	Texas
MELANCON (M. D.), M. C	Med. Dept. Tulane Univ. La., 1886	Texas
MENEFEE, ALBT. O	Dr. A. G. Shein	Texas
MENEFEE, ANDREW J	Dr. E. L. Menefee	Texas

METZ (PH. G.), A. L	N. Y. College Pharmacy	Louisiana
MEYER, LOUIS ED	Charity Hospital	Louisiana
MILES, WYATT S	Dr. W. B. Buckelew	Mississippi
MILLER, ROBT. LEE	Dr. W. L. York	Texas
MONTGOMERY (M. D.), J. S	Col. Phy. and Sur. N. Y., 1873	Mississippi
MOORE, DANIEL	Med. Dept. Tulane Univ. La.	Louisiana
MORRIS (M. D.), SHELDON A.	Med. Dep. Tulane Univ. La., 1888	Mississippi
MORRIS, JOHN COLLIN	Dr. H. Upshaw	Texas
MOUTON (M. D.), G. C.	Med. Dept. Tulane Univ. La., 1883	Louisiana
MURPHY, DEAS		New York
MURPHY, RENE A.	Dr. E. A. Murphy	Louisiana
NAYLOR, STEPHEN D	Dr. B. J. Brown	Texas
NEELY (M. D.), EDWARD P.	Louisville Med. Col., 1888	Mississippi
NICHOLS, CLAY	Dr. W. W. Walker	Texas
NOARK (M. D.), HENRY	University of Louisville	Texas
NOHA (M. PH.), ADOLPHE	Dr. J. H. Johnson	Louisiana
NOTHACKER (M. PH.), WM.	Med. Dept. Tulane Univ. La.	Louisiana
NOWLIN, ANDREW J.	Dr. C. P. Smith	Texas
ODELL (M. D.), S. P	Med. Dept. Tulane Univ., 1888	Texas
OCHSNER, JOHN F	D. J. G. Smith	Louisiana
OLIVER, WM. H.	Dr. J. O. Oliver	Texas
ORR (M. D.), JNO. A	University of Louisville	Mississippi
OSBORNE, ROBT. JAS	Dr. John Winslow	Louisiana
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*PARKER, WM. ELLIOTT	Dr. H. Bayon	Louisiana
PEARCE, ALENCON G.	Dr. J. A. Hollinshead	Louisiana
PEARCE, JOHN SIDNEY		Louisiana
PECOT, LOUIS F	Dr. A. M. Maguire	Louisiana
PERDUE (M. D.), HIRAM	Atlanta Medical College 1870	Georgia
PERKINS, DOSITE S	Dr. W. T. Jones	Louisiana
†PETERS, LEONARD J	B. J. Hart & Co.	Louisiana
PLUNKETT, BENNIE J	Dr. J. L. Plunkett	Mississippi
POTHIER, OLIVIER L	Charity Hospital	Louisiana
POWELL, GEO. F	Med. Dept. Univ. Tennessee	Texas
PRICE, GEO. REA	Dr. T. M. Sexton	Mississippi
PROVOSTY, MAURICE	Dr. J. Laurans	Louisiana
PUGH, SIDNEY S	Dr. J. W. Armistead	Alabama
PUGH, WHITMELL H	Dr. Joseph Jones	Louisiana
PYBURN, JAS. M	Dr. W. N. Sneed	Texas
†QUAYLE, THOS	Dr. J. M. Malta	Louisiana
RABY, ROBT. LEE	Dr. J. R. Raby	Texas
RAMSAY, GEO. D	Dr. Williams	Louisiana
REEVES, EDWIN J	Drs. J. W. Meek and Hudson	Arkansas
REDDITT, GEO. I	Louisville Medical College	Mississippi
REISS, PAUL L	Dr. E. A. Murphy	Louisiana
RICHARDS, JAS. I	Mr. J. A. Stork	Louisiana
RIGGS, CLARENCE E	Dr. Geo. K. Pratt	Louisiana
RIVET, J. H. CHAS	Dr. P. E. Archinard	Louisiana
ROQUET, ALBERT P.	Charity Hospital	Louisiana
*ROBIN, ERNEST A	Dr. Jos. Jones	Louisiana
ROBIN, WM. HY	Mr. Oscar Robin	Louisiana
ROUSSEL, WM. D	Dr. T. W. Tarleton	Louisiana
RUNYAN, JOE. P	Dr. W. S. Robinson	Arkansas
SABATIER, GEO. J	Charity Hospital	Louisiana
*SAIZAN, JOS. PHILIP	Charity Hospital	Louisiana
SALTER, EDGAR T		Mississippi
SALTER, RICH'D W	Dr. L. F. Reynaud	Louisiana
SANDERS, WALTER C	Dr. J. W. Unger	Mississippi
SCHAYOT, VALERY O	Med. Dept. Tulane Univ. La.	Louisiana
SCHERCK, HY. J	Charity Hospital	Louisiana
†SCHNEIDER, HY. CHAS	Mr. Ed. Stumpf	Louisiana
SCUDDER (M. D.), W. H	Louisville Med. Coll., 1887	Mississippi
†SEEMANN, GEO. F	Dr. C. L. Seemann	Louisiana
SHELBY, JNO. M	Dr. J. A. Shelby	Mississippi

†SELDON, CHAS. E. V.	Mr. P. A. Capdau	Louisiana
†SHELLEY, WALTER P.	Mr. A. Shelley	Louisiana
†SHERWOOD, WM. F.	Mr. Oscar VonGohren	Louisiana
SHINAULT, CHAS. RICH'D	Dr. E. P. Notrebe	Mississippi
SIMON, NORBERT J.	Dr. E. Souchon	Louisiana
†SIRJACQUES, ALEX. C.	Finlay & Brunswig	Louisiana
SMART, WILBER B.	Med. Dept. Tulane Univ. La.	Louisiana
SMITH, HUBERT SIDNEY	Dr. Ernest Laplace	Louisiana
SMITH, THEO. SHAY	Dr. I. E. Shute	Louisiana
*SMYTHE, FRANK D.	Dr. D. Port Smythe	Mississippi
SONIAT-DU-FOSSAT, J. M.	Dr. Sam'l. Logan	Louisiana
SOWELL, JAS. L.	Dr. W. W. McMillan	Alabama
STAMPS, ASA M.	Dr. Jos. H. Sims	Texas
STARK, THOMAS	Dr. L. Fourgaud	Louisiana
STEELE, ABNER P.	Dr. J. M. Catching	Mississippi
STELL, GEO. S.	Dr. W. M. Stell	Texas
STELL (M. D.), WM. MCK	Med. Dept. Tulane Univ. La., 1886	Texas
STEVENS, JOS. J.	Dr. I. H. C. Cook	Mississippi
STEWART, ALEX. POLK	Dr. C. S. Stewart	Louisiana
†STOLZENTHALER, MICHAEL	L. L. Abbott	Louisiana
STREET, HARRY N.	Dr. S. J. Perkins	Mississippi
SURGHNOR, GRAHAM	Dr. Robt. Layton	Louisiana
TACKETT, JNO. ROBT	Dr. J. Tackett	Mississippi
TALLEY, DYER F.	Dr. Frank Prince	Alabama
TETREAU, PAUL H.	Dr. H. Dansereau	Louisiana
THEARD, SIDNEY L.	Dr. P. E. Archinard	Louisiana
*THIGPEN, FRANCIS M.	Dr. Job Thigpen	Alabama
THOMPSON, ANDREW J.	Dr. A. J. Thompson	Arkansas
TISDALE, WM. A.	Dr. Jno. Gillis	Mississippi
TODD, THOS. L.	Dr. T. T. Erwin	Texas
TOIIVER, JOS. M.	Dr. R. Matas	Louisiana
TRAHAN, ANATOLE R.		Louisiana
TRAHAN (M. D.), J. D.	Med. Dept. Tulane Univ. La., 1867	Louisiana
TREPTOW, SAML. WM.	Dr. C. F. W. Treptow	Texas
TRUXILLO, ROBT. A.	Dr. P. E. Archinard	Louisiana
†UNSWORTH, CHAS.	Dr. Stanhope Jones	Louisiana
VIALLO, LOUIS H.	Dr. A. A. Allain	Louisiana
VILLIEN, JOS. A.	Dr. M. R. Cushman	Louisiana
†VON GOHREN, LOUIS H.	Dr. L. H. Von Gohren	Louisiana
†WADDILL, HUGH	G. D. Waddill	Louisiana
WAINWRIGHT, JNO. THOS		Louisiana
*WALET, HENRY	Charity Hospital	Louisiana
WALKER, EDWIN RUTHVEN	Dr. W. W. Walker	Texas
WALKER, WM. HAYDEN	Dr. W. W. Walker	Texas
WARREN, JNO. LEWIS		Mississippi
WEAVER, LARKIN W.	Dr. J. D. Jordan	Arkansas
WEBB (M. D.), RUFUS C.	Vanderbilt Univ., 1883	Louisiana
WEBER, ARTHUR	Dr. Saml. Logan	Louisiana
WEEMS, MASON L.	Dr. Mason L. Weems	Texas
WEST, LOUIS	Dr. A. Gayden	Louisiana
WICKWARE, MARK A.	Dr. H. E. Grace	Texas
WILKINSON, JAS. H.	Dr. Alex. Fairly	Louisiana
WILLIAMS, DANL. J.	Dr. B. H. Whitfield	Mississippi
WINSTON, GEO. HY.	Dr. J. H. Hursley	Georgia
YOUNG, CHAS. THOS.	Dr. O. I. Halbert	Texas
ZULCH, JR., JULIUS	Med. Dept. Tulane Univ. La.	Texas
†ZUMWALT, OSCAR A.	Drs. Harrison and McDaniel	Texas

*The 14 Resident Students of the Charity Hospital.

†Twenty-eight students in Pharmacy. Four medical students were also students in Pharmacy; and there were three female students attending the practical course in the Pharmaceutical Laboratory, namely:

BESS, CLAUDIA V.	New Orleans	Louisiana
McFARLANE, JESSIE P.	New Orleans	Louisiana
RUDOLPH, ELIZA	New Orleans	Louisiana

N. B.—The total number of medical students was 302, viz.: 34 M. Bs. gratuitous, 6 M. Bs. ordinary students, and 262 students not M. Bs.

TEXT-BOOKS.

The books mentioned below are recommended in preference to others; but *recent editions of any standard works* may be used in their stead. Only one text book on each branch is indispensable. The cost for a set of text books on all the branches is about \$45. The prices affixed below are now the lowest prices of the cheapest copies, usually in cloth:

SURGERY—Ashurst, \$5; Bryant, \$5.30; Treves, \$5; Gross, \$12.50; Diseases of the Eye—Nettleship, \$2.50; Jules, \$4; Wells, \$5.

PRACTICE OF MEDICINE—Flint, \$4.60; Loomis, \$5; Pepper, \$25; Reynolds, \$15. **Dermatology**—Van Harlingen, \$2.25, Hyde, \$3.85; Duhring, \$5.

PHYSIOLOGY—Foster, \$2.70; Yeo, \$2.60; Dalton, \$4.10; Landois, \$5.75.

PATHOLOGICAL ANATOMY—Green, \$2.10; Coats, \$4.60; Ziegler, \$4.75.

OBSTETRICS—Leishman, \$3.75; Playfair, \$3.25; Lusk, \$4.00.

GYNÆCOLOGY—Skene, \$6; Thomas, \$4.00; Emmett, \$5.00.

DISEASES OF CHILDREN—Smith, West, each \$3.75.

CHEMISTRY—Fownes, \$2.30; Attfield, \$2.10; Bloxam, \$4.15; Miller, \$15; Fresenius, \$8.70; Roscoe and Schorlemmer, \$20; Ganot's Physics, \$4.20; Parrish's Pharmacy, \$4.25; U. S. Pharmacopœia, \$3.50.

ANATOMY—Gray, \$5.00; Wilson, \$6.00; Richardson, \$3.50; Souchon's Résumé, \$2.00.

MATERIA MEDICA AND THERAPEUTICS—Wood, \$4.85, Rabuteau, \$7.00; Bartholow, \$4.20; Brunton, \$5.50; National Dispensatory, \$5.85.

HYGIENE—Wilson, \$2.25; Parkes, \$4.15.

DICTIONARIES—Dunglison, \$5.30; Thomas, \$4.00.

PRACTICAL PHARMACY—Remington's Practice of Pharmacy, \$4.20; Prescott and Douglass' Qualitative Analysis, \$3.10.

EXPENSES FOR TEXT-BOOKS, ETC.

The cost for a set of text-books on all the branches is about \$45.

Information about houses for board and lodging may be obtained by application to P. Martin, Janitor. The price usually paid by students is \$20 per month.

For any additional information address "Prof. CHAILLE, DEAN, P. O. Drawer 261." Letters thus *officially* addressed secure prompt attention even if the Dean be absent.

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TULANE UNIVERSITY

OF

LOUISIANA.

1890-'91.

NEW ORLEANS, LA.

TULANE UNIVERSITY

— OF —

LOUISIANA.

CATALOGUE, 1889-'90.

UNIVERSITY, COLLEGE, HIGH SCHOOL,

H. SOPHIE NEWCOMB MEMORIAL COLLEGE FOR WOMEN,

— AND —

LAW AND MEDICAL DEPARTMENTS.

ANNOUNCEMENT FOR 1890-'91.

NEW ORLEANS:

1890.

CALENDAR.

SESSION OF 1890-1891.

1890.

MONDAY AND TUESDAY, SEPTEMBER 29 AND 30,	Entrance Examination for College, High School, and H. Sophie Newcomb Memorial College.
WEDNESDAY, OCTOBER 1,	Opening of College, High School, and H. Sophie Newcomb Memorial Col- lege.
MONDAY, OCTOBER 20,	Department of Medicine opens.
SATURDAY, NOVEMBER 1,	Free Drawing Classes begin.
MONDAY, NOVEMBER 17,	Department of Law opens.
FRIDAY, DECEMBER 5,	Second Quarter begins.
WEDNESDAY, DECEMBER 24,	Christmas Holidays begin.

1891.

FRIDAY, JANUARY 2.	Studies resumed in College, High School, and H. Sophie Newcomb Memorial College.
TUESDAY, FEBRUARY 10,	Third Quarter begins.
WEDNESDAY, APRIL 1,	Commencement of the Medical Depart- ment.
FRIDAY, APRIL 17,	Fourth Quarter begins.
....., MAY,	Commencement of the Law Department.
SATURDAY, MAY 16,	Free Drawing School closed.
TUESDAY, JUNE 16,	Commencement of the H. Sophie New- comb Memorial College.
WEDNESDAY, JUNE 17,	Commencement of the High School
THURSDAY, JUNE 18,	Commencement of the College.

BOARD OF ADMINISTRATORS.

RANDALL LEE GIBSON, (U. S. Senator,) *President.*
CHARLES ERASMUS FENNER, Associate Justice Supreme
Court of Louisiana, *First Vice President.*
JAMES McCONNELL, *Second Vice President.*
TOBIAS GIBSON RICHARDSON, M. D.
EDWARD DOUGLAS WHITE, (U. S. Senator elect)
EDGAR HOWARD FARRAR.
PASCHAL NEILSON STRONG, *Secretary and Treasurer.*
BENJAMIN M. PALMER, D. D. LL. D.
SAMUEL HORTON KENNEDY.
WALTER ROBINSON STAUFFER.
CARTWRIGHT EUSTIS.
HENRY GINDER.
JOHN TIMMONS HARDIE.
ROBERT MILLER WALMSLEY.
RT. REV. JOHN N. GALLEHER.
JOSEPH C. MORRIS.
CHARLES M. WHITNEY.

EX-OFFICIO.

HON. FRANCIS T. NICHOLLS, Governor of Louisiana.
HON. JOSEPH A. SHAKSPEARE, Mayor of New Orleans.
HON. , State Supt. Public Education.

OFFICERS OF THE UNIVERSITY.

WM. PRESTON JOHNSTON, LL. D., - *President.*
WM. O. ROGERS, - - - - *Secretary and Librarian.*
CHARLES G. GILL, PH. D. - - *Librarian.*

TULANE UNIVERSITY.

HISTORICAL STATEMENT.

The Tulane University of Louisiana, founded upon an endowment of the late Paul Tulane, was established by law by Act No. 43 of the session of 1884, which was ratified by a constitutional amendment April 17, 1888. By virtue of this legislation the administrators of the Tulane Educational Fund became administrators in perpetuity of the University of Louisiana, agreeing to devote their income to its development, and to establish thereon the Tulane University of Louisiana.

The Medical Department was established in 1834. It has attained the greatest prestige throughout the Southern States, not only for the ability and distinction of its professors, but for its unsurpassed means of teaching. It has matriculated 9,286 students, and conferred diplomas on 2,500 graduates in medicine and 199 graduates in pharmacy. It has the great Charity Hospital, with its seven hundred beds and six thousand patients annually, as its school of practical instruction.

The Administrators of the Charity Hospital elect every year from the graduates fourteen resident students, who are maintained by that institution. Vacancies are filled by competitive examination.

The Pharmaceutical Laboratory, established in 1887, has been judiciously fostered and excellently managed. The number of students availing themselves of its advantages has increased. Female students are admitted to this Laboratory, but not to the lecture rooms of the Medical College.

The Law Department was organized in 1847. It has numbered among its professors the most distinguished lawyers of the State, and a chair in its faculty is esteemed one of the highest honors open to the profession in Louisiana. The civil law is taught here, as the basis of the whole legal superstructure and machinery of the State, and as the foundation of its civil code and jurisdiction.

This Department has been reorganized and greatly enlarged, and has now five Professors, besides the voluntary assistance of distinguished lecturers.

The Academical Department of the University of Louisiana was opened in the autumn of 1878. It received an annuity of \$10,000 from the State, and met with excellent success for its limited means.

Col. Wm. Preston Johnston was elected President in January, 1883, and authorized to organize an institution of learning under the terms of Mr. Tulane's donation. The acquisition of the University of Louisiana, with its franchises and valuable buildings, in 1884, gave practical shape to the purposes of the Tulane Board, and supplied the foundation on which to establish Tulane University. It has now fourteen chairs in the University proper, and a High School Faculty, which, with its head-master, has twenty professors, assistant professors, and instructors. The collection of physical apparatus is quite extensive and of very high grade. The teaching is in great part by laboratory work, and the apparatus is better adapted to this method of instruction than any in the South. A practical course in electrical engineering has been pursued during the past year with marked success. A complete electrical plant of the Edison system has been erected by the students, and is in use for the solution of the many practical questions that arise in electrical engineering. The chemical laboratories have been carefully fitted up and are now in a fair state of efficiency, and it is hoped that many young men will be trained here to take part in developing the industries of the Southern States.

The biological laboratory is well supplied with microscopes and the various kinds of apparatus needed for investigation as well as for ordinary study.

The line between university work and collegiate or academic work is sharply drawn. The latter is embraced in a series of equivalent curricula extending through seven years, three in the high school and four in the college, all leading to baccalaureate degrees, with or without distinction, according to attainment. The former is elective and of the most advanced character, and leads to the Degree of Master of Arts and of Doctor of Philosophy.

A manual training school has been established. It is considered as the workshop or laboratory of the High School for technical training, but students of Tulane College are admitted to it on easy conditions. It is not intended to teach trades to young men, but to make them experts in the principles and handicraft of wood-working, iron and metal-working and machine construction. The appliances are as nearly perfect and the scheme of instruction as thorough as in any institution in the United States. The effort will be made to dignify and elevate labor without interfering with more abstract pursuits. No revolution in education is aimed at, but rather moral expansion and development,

through the cultivation of recognized and valuable mental and physical functions and activities; the whole system constituting a rounded and harmonious evolution of the student as man and citizen.

The libraries of the University, besides the State library of twenty-six thousand volumes, contain about twenty thousand volumes, with a certain fund for increase of some \$2,000 per annum. The largest hospitality is extended to book-lovers and readers.

The institution is Christian, but not sectarian, and this is construed as extending the largest liberty of invitation to all who love the light of knowledge. The Tulane University is now on the sound basis of a living income, with a corporation secure in its tenure of office and consistent in its plans and purposes, and with the prestige of a State institution and popular favor to aid in its honorable career.

Still further to enlarge the scope and increase the usefulness of the University, Mrs. Josephine Louise Newcomb, widow of Warren Newcomb, of New York City, has generously donated a large sum of money for the endowment of a female college, to be known as "The H. Sophie Newcomb Memorial College in the Tulane University of Louisiana, for the higher education of white girls and young women."

The Administrators of the University having been charged with this noble gift have established the H. Sophie Newcomb Memorial College as a department of Tulane University.

The first annual session was opened Thursday, October 16, 1887. Since that time the Faculty has been enlarged to meet the requirements of a steadily increasing number of students, and satisfactory progress has been made in organizing and building up an institution which should satisfy the conditions of higher female education. Teaching appliances of the best character have been added to the libraries and laboratories of the literary and scientific departments, while in the matter of art and liberal culture, the progress has been rapid and effective. At the beginning of the session just closed, it was found expedient to enlarge the work of the institution by adding an Academy thereto, as preparatory for College.

The growth of Newcomb College has been constant and vigorous. It aims by thorough training, sound scholarship, healthful, intellectual, and moral associations, to offer the highest advantages of education.

It sends out, this year, its first graduates.

**FACULTY AND INSTRUCTORS,
1889-1890.**

**WM. PRESTON JOHNSTON, LL. D.,
PRESIDENT OF THE UNIVERSITY.**

(IN THE ORDER OF ELECTION.)

**RANDELL HUNT, LL. D.,
EMERITUS RECTOR OF THE LAW DEPARTMENT; PROFESSOR OF CON-
STITUTIONAL LAW, COMMERCIAL LAW, AND THE
LAW OF EVIDENCE.
(Retired.)**

**T. G. RICHARDSON, M. D.,
EMERITUS PROFESSOR OF SURGERY.**

**STANFORD E. CHAILLÉ, M. D.,
DEAN OF THE MEDICAL DEPARTMENT, PROFESSOR OF PHYSIOLOGY
AND PATHOLOGICAL ANATOMY.**

**JOSEPH JONES, M. D.,
PROFESSOR OF CHEMISTRY AND CLINICAL MEDICINE.**

**SAMUEL LOGAN, M. D.,
PROFESSOR OF GENERAL AND CLINICAL SURGERY.**

**ERNEST S. LEWIS, M. D.,
PROFESSOR OF GENERAL AND CLINICAL OBSTETRICS AND DISEASES OF
WOMEN AND CHILDREN.**

**JOHN B. ELLIOTT, M. D.,
PROFESSOR OF THEORY AND PRACTICE OF MEDICINE AND CLINICAL
MEDICINE.**

**RICHARD H. JESSE,
PROFESSOR OF LATIN.**

**J. L. CROSS, A. B., (Va. Military Institute,)
PROFESSOR OF MATHEMATICS.**

**J. HANNO DEILER, (Royal Normal College of Munich,)
PROFESSOR OF GERMAN LANGUAGE AND LITERATURE.**

ALCÉE FORTIER,
PROFESSOR OF FRENCH LANGUAGE AND LITERATURE.

BROWN AYRES, B. Sc., Ph. D., (Stevens Inst.,)
PROFESSOR OF PHYSICS AND ASTRONOMY.

ROBERT SHARP, A. M., Ph. D., (Leipsic,)
PROFESSOR OF GREEK AND ENGLISH.

HENRY CARLETON MILLER,
DEAN OF THE LAW DEPARTMENT, AND PROFESSOR OF ADMIRALTY
AND INTERNATIONAL LAW.

JOHN M. ORDWAY, A. M., (Dartmouth,)
PROFESSOR OF APPLIED CHEMISTRY AND BIOLOGY AND DIRECTOR OF
MANUAL TRAINING SCHOOL.

WM. WOODWARD, (Massachusetts Normal Art School,)
PROFESSOR OF DRAWING.

HENRY DENIS,
PROFESSOR OF CIVIL LAW AND LECTURER ON THE LAND LAWS OF
THE UNITED STATES.

EDMOND SOUCHON, M. D.,
PROFESSOR OF ANATOMY AND CLINICAL SURGERY.

ASHLEY D. HURT, A. M.,
HEAD MASTER OF THE HIGH SCHOOL AND PROFESSOR OF LATIN.

L. C. REED, A. M.,
PROFESSOR OF ENGLISH.

JOHN R. FICKLEN, B. LET., (University of Va.,)
PROFESSOR OF ENGLISH HISTORY AND RHETORIC.

JOHN W. CALDWELL, A. M., M. D.,
PROFESSOR OF CHEMISTRY AND GEOLOGY.

JOSEPH F. JOOR, M. D.,
PROFESSOR OF BOTANY.

ELLSWORTH WOODWARD,
PROFESSOR OF DRAWING.

A. B. MILES, M. D.,
PROFESSOR OF MATERIA MEDICA AND THERAPEUTICS AND HYGIENE
AND CLINICAL MEDICINE.

BRANDT V. B. DIXON, A. M., (Cornell University,)
PROFESSOR OF METAPHYSICS AND MENTAL SCIENCE, AND PRESIDENT
OF THE H. SOPHIE NEWCOMB MEMORIAL COLLEGE FOR WOMEN.

CHARLES E. FENNER,
(Associate Justice Supreme Court of Louisiana.)
LECTURER ON THE MODERN CIVIL LAW OF DONATIONS AND TESTA-
MENTS AS ESTABLISHED BY THE CODES OF LOUISIANA AND FRANCE.

THOMAS J. SEMMES,
PROFESSOR OF CONSTITUTIONAL LAW, COMMON LAW, AND EQUITY,
CONFLICT OF LAWS, WITH JURISDICTION AND PRACTICE OF THE
UNITED STATES COURTS AT LAW AND IN EQUITY.

FRANK A. MONROE,
PROFESSOR OF COMMERCIAL LAW AND THE LAW OF CORPORATIONS.

HARRY H. HALL,
PROFESSOR OF EVIDENCE, CODE OF PRACTICE, AND CRIMINAL LAW.

I. L. LEUCHT,
PROFESSOR OF HEBREW.

RUDOLPH MATAS, M. D.,
DEMONSTRATOR OF ANATOMY AND CHIEF OF CLINIC.

GEORGE GESSNER, A. M.,
PROFESSOR OF GREEK.

STIRLING D. KENNEDY, M. D.,
LECTURER ON DISEASES OF THE EYE.

CHARLES G. GILL, Ph. D.,
ASSISTANT PROFESSOR OF GREEK.

S. P. DELAUP, B. Sc.,
ASSISTANT PROFESSOR OF FRENCH AND MATHEMATICS.

J. W. PEARCE, A. M.,
ASSISTANT PROFESSOR OF ENGLISH AND MATHEMATICS.

JAMES ROHDE,
ASSISTANT PROFESSOR OF SPANISH,

DAVID J. LINGLE, B. S.,
ASSISTANT PROFESSOR OF BIOLOGY.

F. W. PARHAM, M. D.,
ASSISTANT PROFESSOR PHYSIOLOGY AND HYGIENE.

D. R. BUCHANAN,
ASSISTANT PROFESSOR IN PENMANSHIP AND BOOK KEEPING.

ALPHONSE F. DELBERT, B. Sc.,
ASSISTANT PROFESSOR IN MACHINE CONSTRUCTION AND DRAWING.

A. McSHANE, M. D.,
ASSISTANT DEMONSTRATOR OF ANATOMY AND CHIEF OF CLINIC.

A. L. METZ, M. Ph.,
INSTRUCTOR OF PRACTICAL PHARMACY.

H. W. BLANC, M. D.,
LECTURER AND CLINICAL INSTRUCTOR ON DERMATOLOGY.

E. LAPLACE, M. D.,
DEMONSTRATOR OF MICROSCOPICAL ANATOMY AND OF BACTERIOLOGY,
AND CHIEF OF CLINIC.

CHIEFS OF CLINIC.

HENRY BAHON, M. D.
STANHOPE JONES, M. D.
F. H. BRICKELL, M. D.
C. L. SEEMAN, M. D.
P. MICHINARD, M. D.
ROBT. U. BORDE, M. D.
WARREN S. BICKHAM, M. D.
CHAS. CHASSAIGNAC, M. D.
J. H. BEMISS, M. D.
JOHN J. LAURANS, M. D.

GEORGE URQUHART BORDE, A. M.,
Graduate Fellow and
INSTRUCTOR IN NATURAL SCIENCE.

CHARLES O. MAAS, A. B.,
Graduate Fellow and
INSTRUCTOR IN PHYSICS.

ALLISON OWEN,
INSTRUCTOR IN DRAWING.

FREDERICK N. KEMP,
INSTRUCTOR IN WOOD-WORKING.

OTIS ATHERTON,
INSTRUCTOR IN IRON-WORKING.

S. PORBES,
INSTRUCTOR IN WOOD-WORKING.

JULIUS PORBES,
INSTRUCTOR IN WOOD-WORKING.

SUMMARY—FACULTY AND INSTRUCTORS.

PRESIDENT AND PROFESSORS.....	32
LECTURERS.....	6
ASSISTANT PROFESSORS.....	8
INSTRUCTORS.....	19
Total..	65

TULANE UNIVERSITY OF LOUISIANA.

PLAN OF EDUCATION.

Tulane University is an institution for the higher education of the white youth of Louisiana. The Administrators of Tulane University, recognizing the great fact that education is a unit, integral from its very nature, and looking to the actual condition of things in Louisiana, find themselves obliged to embrace in their scheme, a plan broad and deep, and to institute for the successive phases of educational development, a High School, a College, and a University Department of Philosophy. Taking the youth on the threshold of the higher education, this plan proposes, through judicious instruction, to train him to know, to do, and to be, and thus to develop a consistent manhood by means of this harmonious and equable evolution of body, mind, and soul.

Tulane University of Louisiana is divided into the University Department of Philosophy, Tulane College, Tulane High School, H. Sophie Newcomb Memorial College for Young Women, the Law Department, and the Medical Department.

UNIVERSITY.

DEPARTMENT OF PHILOSOPHY.

If the student in a college should feel and act as one under authority, the graduate of the college who enters upon his university career in the Department of Philosophy should recognize that he is called to a higher culture, which does not simply permit, but demands, liberty of choice. the exercise of independent thought an earnest attempt at original investigation, and individual conviction. Herein he must receive the inspiration of the scientific spirit and pursue his studies by the scientific method, under the guidance, but not under the authority, of a professor.

Acting upon this view, we differentiate sharply between the work of the College and the work of the University in its higher department.

We leave to the College the disciplinary work of education to be pursued by collegiate or gymnastic methods. We reserve for the student in the Department of Philosophy that higher culture pursued in the scientific spirit, which is true University work. If few in number, yet these University students must be post graduates, not merely College students with higher titles.

We admit to our University, as candidates for degrees, the graduates of our own and other colleges with fairly equivalent requirements, and such other persons as shall pass a satisfactory examination on branches of knowledge and studies fully equivalent.

DEGREES—Graduates of Tulane College and other accepted candidates who shall pursue for two years an approved course of study in three branches, selected by the student and approved by the Faculty, and who shall pass a satisfactory examination and present a written thesis acceptable to the President and Faculty, will receive the degree of **MASTER OF ARTS**.

The degree of **DOCTOR OF PHILOSOPHY** will be given for a further prescribed or approved course of study in Tulane University, pursued for two years more under like conditions, and with such excellence and superior attainments as to warrant it.



TULANE HALL .

TULANE COLLEGE.

Tulane College covers, with four years of solid collegiate instruction and training, the second great phase of liberal education. Its purpose is to train and discipline the student for the professions or for leadership in the superior walks of the manifold and ever widening spheres of active life.

To attain this high aim, every faculty of the mind must be disciplined to work efficiently to its appointed ends. And for this discipline every grand division of the complete sphere of human knowledge should be represented in a rounded plan of academic education. Philosophy, History, Mathematics, the Physical Sciences, Biology, and the Languages, which are the expression and embodiment of human thought, all serve as necessary agents in a harmonious evolution of intellect and character, and should all be represented in any scheme or course of study which pretends to give a complete liberal education. To assume, however, that there is only one course which shall do equally well for all, no matter what their intended careers may be, is a mistake.

Not trusting in the ability of immature students, or even of parents who have rarely duly considered the subject, Tulane College now offers four courses of study, with prescribed branches, each leading to a baccalaureate degree. These courses, though directed to different pursuits in life, are parallel and substantially equivalent in the amount, proportion, and exactness, of the training and instruction afforded.

In the grouping and succession of studies in these courses, while opportunity is afforded for information in all the great realms of human knowledge adequate to a liberal education, still greater regard is had to that rigorous training of the faculties which develops intellectual energy and moral power. It is intended that the degrees, which crown these four courses, shall be an honest testimonial to solid acquirements.

The difference in the courses is chiefly in the amount of the particular branches pursued, and in the substitution of studies, equivalent in amount, and as nearly so as possible in intrinsic and disciplinary value to the students.

The courses are denominated, respectively, Classical, Literary, Scientific, and Engineering. Each has four Classes, which retain the time-honored name of Freshman, Sophomore, Junior, and Senior. In each course of study, and in each year of that course, it has been

sought by a proper and logical arrangement of studies, to carry forward the instruction and the training to a given practical end."

The degree of Bachelor of Arts is conferred for the successful accomplishment of the Classical or Literary Course, and the degree of Bachelor of Science, for the successful accomplishment of the Scientific or Engineering Course, and students of extraordinary merit may have added to this, "with distinction."

CLASSICAL COURSE.—In the Classical Course an effort is made to preserve the foothold of the ancient languages, Latin and Greek, and to afford to the student willing to submit to their invaluable and unsurpassed mental discipline the opportunity to obtain a solid classical education.

This course is specially recommended to students aiming at the learned professions.

LITERARY COURSE.—The Literary Course differs from the Classical by the omission of Greek and the substitution of fuller courses of Latin, German, and French.

SCIENTIFIC COURSE.—In the Scientific Course the instruction in English and Modern Languages, and in Political Science and Psychology, is very similar to that in the Classical and Literary Courses. Instead of Latin and Greek are substituted a fuller course in Mathematics and an extended course in Physics, Chemistry and Biology, with two years laboratory practice in each.

This course is especially adapted to those who intend to study medicine or pharmacy, or to become Analytical Chemists, or who intend to devote their lives to any more purely scientific work.

ENGINEERING COURSE.—The Engineering Course differs from the Scientific in the greater prominence given to the industrial applications of the sciences, to manual training and drawing, and to special technical work in the direction of the student's inclination.

This course is adapted to the needs of those who intend to become Civil, Mechanical, Electrical, Mining, or Chemical Engineers. In the Senior Year the equivalent of six hours a week of class work may be selected by the student, with the approval of the faculty, from a number of electives. This is designated in the scheme of studies as "Special Technical Work." The subjects from which selection may be made

are Theory of Tools and Materials of Construction, Chemical Laboratory, Physical Laboratory, Applied Electricity, Applied Chemistry, and Civil Engineering.

SPECIAL COURSES.

PRACTICAL ELECTRICITY.—A special course in Practical Electricity, and related subjects is offered to such students as are unable to devote four years to the regular Engineering course. This course extends over two years, and includes instruction in Mathematics, Manual Training, Drawing, Physics, Chemistry, Practical Electricity, and French. On the successful completion of this course, a certificate will be awarded indicating the character and amount of the work done. Applicants must be not less than fifteen years of age and must be prepared to stand the regular entrance examination in Mathematics, including Arithmetic entire, Algebra through Quadratic Equations, and six books of Geometry.

The tuition is \$80 a session.

MEDICINE AND PHARMACY.—In order to give an opportunity for special preparation to students of Medicine, a Preliminary Course has been established in the college for their benefit. This is strongly recommended by the Faculty of the Medical Department to all such as have not had the advantage of thorough training in the branches taught in it, and will be received as equivalent to one year's study in a physician's office. These branches are: Physics, Biology, (with microscope,) Chemistry, Botany, Rhetoric, German and English Literature, with the privilege of attending a class in drawing.

The terms for attendance on this course will be \$80, and it will occupy a session of nine months.

HEBREW LANGUAGE AND LITERATURE.—A special course in Hebrew will be given to students desiring a knowledge of that language, by the Rev. I. L. Leucht, Rabbi of the Touro Synagogue. The great value of this language to scientific students of philology, and its training power, have only recently received their full recognition in a few of the leading American universities. It is now considered as a prerequisite to theology. Prof. Leucht's scientific and practical knowledge of the ancient Hebrew tongue will make his accession to the University a great benefit to those who wish to master this language without a residence at distant seats of learning.

When this course only is taken the fee will be \$25.

The first year's work will comprise Grammar, Reading, and easy selections from Genesis, and the student will be advanced as rapidly as his progress permits.

TULANE COLLEGE AND UNIVERSITY.

FACULTY—1890-91.

WM. PRESTON JOHNSTON, LL. D.,
PROFESSOR OF HISTORY AND POLITICAL SCIENCE.

BRANDT V. B. DIXON, A. M.,
PROFESSOR OF METAPHYSICS.

RICHARD H. JESSE,
PROFESSOR OF LATIN.

ROBERT SHARP, A. M., Ph. D., (Leipsic,)
PROFESSOR OF ENGLISH AND GREEK.

I. L. LEUCHT,
PROFESSOR OF HEBREW.

JOHN R. FICKLEN, B. LET., (University of Virginia,)
PROFESSOR OF ENGLISH HISTORY AND RHETORIC.

J. HANNO DEILER, (Royal Normal College of Munich,)
PROFESSOR OF GERMAN LANGUAGE AND LITERATURE.

ALCÉE FORTIER,
PROFESSOR OF FRENCH LANGUAGE AND LITERATURE.

J. L. CROSS, A. B., (Va. Mil. Inst.,)
PROFESSOR OF MATHEMATICS.

BROWN AYRES, B. Sc., Ph. D., (Stevens Institute.)
PROFESSOR OF PHYSICS.

JOHN M. ORDWAY, A. M., (Dartmouth,)
PROFESSOR OF APPLIED CHEMISTRY AND BIOLOGY.

JOHN W. CALDWELL, A. M., M. D.,
PROFESSOR OF CHEMISTRY AND GEOLOGY.

WILLIAM WOODWARD, (Massachusetts Normal Art School,)
PROFESSOR OF DRAWING.

JOSEPH F. JOOR, M. D.,
PROFESSOR OF BOTANY.

CHARLES G. GILL, Ph. D.,
ASSISTANT PROFESSOR OF GREEK.

DAVID J. LINGLE, B. Sc., (University of Chicago,)
ASSISTANT PROFESSOR OF BIOLOGY.

GEORGE U. BORDE, A. M.,
ASSISTANT PROFESSOR OF PHYSICS.

CATALOGUE OF STUDENTS.

TWELFTH ANNUAL SESSION, 1889-90.

UNIVERSITY DEPARTMENT OF PHILOSOPHY.

BORDE, GEORGE URQUHART, A. B. 252 Canal street.
CARTER, THOMAS, A. B. 163 Delachaise street.
GESSNER, HERMANN BERTRAM, A. B. 297 Rocheblave street.
MAAS, CHARLES OSCAR, A. B. Royal and Bienville streets.

COLLEGE.

SENIOR CLASS.

NAMES OF STUDENTS.	COURSE.	RESIDENCE.	PARENT OR GUARDIAN.
GILL, HENRY MILLER.....	Class....	349 Carondelet.....	T. M. Gill.
PARHAM, EUGENE CHILTON....	Eng.....	117 Berlin.....	E. F. Parham.
PEETE, RICHARD, JR.....	Lit.....	Amite City, La.....	Geo. A. Peete.
ROMAIN, ARMAND GEORGE....	Scien....	349 Marais.....	A. G. Romain.
TEBAULT, CHRISTOPHER H., JR.	Scien....	7 North.....	Dr. C. H. Tebault.

JUNIOR CLASS.

CONRAD, PAUL JOSEPH, JR....	Lit.....	266 Bayou Road.....	Paul Conrad.
DAVIS, LEE.....	Eng.	Brunswick, Miss.....	Mrs. L. M. Davis.
LOMBARD, GERVAIS.....	Eng.	270 Felicity.....	E. H. Lombard.
REED, WARREN BETTISON....	Eng.	Camp and Leontine..	Prof. L. C. Reed.
TOBIN, JOHN FRANCIS.....	Class....	414 Esplanade Ave...	Mrs. M. F. Tobin.
TURNER, WILLIAM BALL.....	Lit.....	Pineville, La.....	Benj. Turner.
VON PHUL, WILLIAM.....	Eng.	169 Annunciation ...	Mrs. Wm. von Phul.

SOPHOMORE CLASS.

BUTLER, FRANK NEWCOMB, JR.	Lit.....	398 Carondelet.....	F. N. Butler.
BUTLER, PIERCE.....	Lit.....	Natchez, Miss.....	J. P. Butler.
CALDWELL, JOHN WILLIAMSON, JR.	Lit...	63 Prytania.....	Prof. J. W. Caldwell.

DINKELSPIEL, EDWARD Scien.... 286 Philip..... M. Dinkelspiel.
 DUPRE, HENRY GARLAND..... Lit..... Opelousas, La..... L. Dupre.
 FOX, JOHN ANGELL Lit..... Jesuits Bend, La..... Dr. D. R. Fox.
 GENELLA, ALPHONSE..... Lit..... Soniat and Coliseum. Chas. Genella.
 HARDIE, WILLIAM FRIERSON.. Class.... 229 Jackson Ave..... W. T. Hardie.
 HARTMAN, JACOB YOKLEY.... Scien.... 148 St. Andrew Dr. H. B. Hartman.
 HUGUET, CHARLES KELLS.... Eng. 314 Carondelet..... H. S. Bell.
 HYNES, EDWARD..... Eng. 9 Music..... John Hynes.
 LOMBARD, JOHN EDWARD.... Eng. 270 Felicity..... E. H. Lombard.
 MCGUIRE, MARIAN HERBERT.. Lit..... Monroe, La..... J. E. McGuire.
 NEWMAN, HAROLD WEIL..... Lit..... 55 Prytania..... M. W. Newman.
 O'KELLY, JAMES PHARES.... Eng. Ashwood, La..... J. B. O'Kelly.
 RAPP, JAMES HUGHES..... Class.... Vicksburg, Miss..... J. K. Rapp.
 RICHARDSON, THOS. FARRAR.. Scien.... 276 Foucher..... H. B. Richardson.
 RICKEY, HARRY W..... Scien.... 492 Camp R. S. Rickey.
 ROSEN, CHARLES Lit..... Bayou Sara, La..... Mrs. D. Alexander.
 THIBAUT, PETER ARTHUR.... Class.... 12 St. Ann..... Jas. Thibaut.
 VERGEZ, JOHN FREDERICK... Class.... 181 Girod..... Dr. F. Loeber.
 WALLS, WILLIAM EDWARD.... Lit..... Algiers, La..... Richard Walls.
 WILLIAMS, SCOTT LEA..... Lit..... 22 Conery..... Mrs. E. S. Williams.

FRESHMAN CLASS.

AVERY, JOHN LEEDS..... Scien ... Avery P. O., La..... Jnc. M. Avery.
 BACKUS, SAMUEL HARRIS.... Lit..... 5 North A. V. Backus.
 BARNES, CHARLES SAMUEL... Lit..... 165 Erato C. A. Barnes.
 BARR, JOHN CHRISTIE..... Eng. 276 Laurel Thos. Barr.
 BELL, WILLIAM A..... Lit..... 651 St. Charles Ave.. Mrs. M. H. Norton.
 BLAKEMORE, ALLEN BRUCE... Class.... 280 St. Andrew..... W. T. Blakemore.
 BLOCH, EDGAR HENRY..... Lit..... Opelousas, La..... Joseph Bloch.
 BUCK, CHAS. FRANCIS, JR.... Lit..... 118 Valence Chas. F. Buck.
 BUCKNER, HENRY W..... Eng. 273 First Mrs. A. M. Buckner.
 CALDWELL, BENJAMIN P..... Lit..... 63 Prytania..... Prof. J. W. Caldwell.
 CARTER, BENJAMIN PALMER... Eng. 313 Ursulines..... T. L. Carter.
 CHEVREMONT, THEODORE.... Lit..... 228 Royal T. Chevremonet.
 CHRISTIAN, PAUL JOHN, JR... Eng. Peters and Jeannette. P. J. Christian.
 DASPIT, JOSEPH OSCAR..... Lit..... Houma, La..... O. Dasplt.
 DENIS, HENRY RAPHAEL.... Lit..... 43 N. Rampart..... Henry Denis.
 DIXON, JAMES CARSON..... Class.... 174 Louisiana Ave... Prof. B. V. B. Dixon.
 DUPUY, JOSEPH FREDERIC, JR.. Eng. St. Gabriel P. O., La. Jas. F. Dupuy.
 DYMOND, WILLIAM... Scien.... Fourth and Chestnut. John Dymond.
 GOLDBERG, ABRAHAM..... Lit..... Waterproof, La..... M. Goldberg.
 HARDIE, LEWIS H..... Lit..... 228 Philip John T. Hardie.
 HARDIE, ROBERT TIMMONS... Class.... 229 Jackson Ave..... W. T. Hardie.
 HAULARD, MARCEL VALENTIN.. Eng. 305 Bienville..... L. Haulard.
 HERNDON, PRESTON Eng. 191 Seventh..... T. C. Herndon.
 HYAMS, VALERY GAIENNIE... Eng. Natchitoches, La.... H. M. Hyams.

JONES, HAMILTON POLK.....Scien....156 Washington Ave..Dr. Jos. Jones.
 JOOR, SAMUEL FINLEY.....Eng.....939 Laurel.....Prof. J. F. Joor.
 KITTREDGE, IVY G.....Lit.....Albemarle, La.....J. K. G. Kittredge.
 LEBRETON, CHARLES.....Eng.....224 Esplanade Ave...E. LeBreton.
 LEMEE, ALEXIS MORSE.....Lit.....Natchitoches, La....A. E. Lemeé.
 PARKERSON, CHARLES M.....Lit.....Lafayette, La.....J. G. Parkerson.
 PERKINS, W. M.....Class.....109 Coliseum.....Mrs. B. Perkins.
 PERRILLIAT, LOUIS.....Scien....6 St. Ann.....Chas. Perrilliat.
 PIERSON, EDWARD.....Lit.....Coushatta, La.....J. F. Pierson.
 TEBAUT, GRANTLAND LEE....Lit.....7 North.....Dr. C. H. Tebault.
 VINCENT, MONROE.....Lit.....511 St. Charles Ave..Geo. A. Vincent.
 WILLIAMS, CHARLES PARKER..Lit.....Mansfield, La.....T. J. Williams.

SPECIALS.

BOUDOUSQUIE, GABRIEL CHARLES.....Mobile, Ala.
 COSBY, CHARLES VERNON.....242 Philip street.
 DESMARAIS, LOUIS, JR.....Opelousas, La.
 FORSYTH, WILLIAM BRADISH.....215 Louisiana Avenue.
 HERNESHEIM, FRANK.....963 St. Charles Avenue.
 JACOB, ARTHUR WILLIAM... ..792 Magazine street.
 MORRIS, JOSEPH C., JR.....221 First street
 PERKINS, H. Z. E.135 Delachaise street.
 POLLOCK, ERNEST E. C.....Algiers, La.
 SAUNDERS, JOHN STAIGE.....Evington Station, Virginia.
 SEMMES, THOMAS JENKINS, JR.....20 South Rampart street.
 SITMAN, GEORGE WOMACK.....Greensburg, La.
 WIGHT, IRA EDWARD.290 Prytania street.

RECAPITULATION.

University Students..... 4

COLLEGE.

Senior Class 5
 Junior Class 7
 Sophomore Class..... 23
 Freshman Class..... 36
 Special..... 13
 Total..... 88

TITLED GRADUATES.

1883—UNIVERSITY OF LOUISIANA.

SIDNEY PHILIP DELAUP	Bachelor of Science.
ARSENE PERRILLIAT	" "
ARTHUR SEAVER WHEELER.....	" "
ARTHUR SEAVER WHEELER.....	Bachelor of Arts.
CHARLES BURKE STAFFORD.....	Bachelor of Literature.

1884--UNIVERSITY OF LOUISIANA.

ROBERT GEORGE URQUHART BORDE.....	Bachelor of Arts.
JOHN FREDERICK FREEBORN GROENEVELT.....	" "
CHARLES GRANDISON GILL.....	Bachelor of Literature.

1885--TULANE UNIVERSITY.

ALPHONSE FRANCIS DELBERT.....	Bachelor of Science.
BOLLING ANTHONY POPE, JR.....	" "
ALFRED RAYMOND.....	" "
ROBERT GEORGE URQUHART BORDE.....	Master of Arts.
CHARLES GRANDISON GILL.....	" "
JOHN FREDERICK FREEBORN GROENEVELT.....	" "
ARTHUR SEAVER WHEELER.....	" "

1886.

ROBERT AFTON HOLLAND, JR.....	Bachelor of Arts.
FRANK EDWARD EMILE RAINOLD.....	" "

1887.

HAMPDEN SIDNEY LEWIS.....	Bachelor of Arts.
WILLIAM CHARLES MCLEOD.....	" "
CHARLES GRANDISON GILL.....	Doctor of Philosophy.

1888.

GEORGE URQUHART BORDE.....	Bachelor of Arts.
JOHN DYMOND, JR.....	" "
ERASMUS DARWIN FENNER.....	" "
CHARLES OSCAR MAAS.....	" "
LEWIS ALCUS SCHERCK.....	" "
WALKER BRAINERD SPENCER.....	" "

1889.

CULLEN MILO BRADY.....	Bachelor of Arts.
THOMAS CARTER	" "
THEODORE WASHINGTON DREYFUS.....	" "
HERMANN BERTRAM GESSNER.....	" "
EDWARD ADOLPH JURGIELEWICZ.....	" "
MERCER WILLIAMS PATTON.....	" "
CHARLES ROBERT CHURCHILL.....	Bachelor of Science.
WILLIAM SOMER HERO.....	" "
HENRY JOSEPH MALOCHEE.....	" "
THOMAS WAYLAND VAUGHAN.....	" "

TITLED GRADUATES.

- BORDE, GEORGE URQUHART: Bachelor of Arts, 1888; Instructor in Natural Science, Tulane University, 1889-90.
- BORDE, ROBERT GEORGE URQUHART: Bachelor of Arts, 1883-4; Master of Arts, 1884-5; Doctor of Medicine, 1889. Practicing Physician, N. O.
- BRADY, CULLEN MILO: A. B., 1889; Medical Student, Tulane.
- CARTER, THOMAS: A. B., 1889; Clergyman, Rayne, La.
- CHURCHILL, CHARLES ROBERT: B. Sc., 1889; Sugar Chemist, La. Sugar Refinery, 1890.
- DELAUP, SIDNEY PHILIP: B. S., 1883; Assistant Professor French and Mathematics, Tulane, 1887-9, M. D., Tulane, 1890.
- DELBERT, ALPHONSE FRANCIS: B. Sc., 1885; Instructor in Machine Construction and Drawing, 1887-90.
- DREYFUS, THEODORE WASHINGTON: A. B., 1889; Student Columbia College, N. Y.
- DYMOND, JOHN, JR.: A. B., 1888; Bachelor of Laws, Tulane, 1890.
- FENNER, ERASMUS DARWIN: A. B., 1888; Resident Student Charity Hospital, N. O., 1890.
- GESSNER, HERMANN BERTRAM: A. B., 1890; Assistant Librarian, 1890.
- GILL, CHARLES GRANDISON: Bachelor of Literature, 1884; Master of Arts, 1885; Doctor of Philosophy, 1887; Librarian, Tulane, 1885-90. Secretary Tulane College Faculty.
- GROENEVELT, JOHN FREDERICK FREEBORN: A. B., 1884; Master of Arts, 1885. M. D., Tulane, 1889. Surgeon Marine Hospital, New York.
- HERO, WILLIAM SOMER: B. Sc., 1889; Louisiana Sugar Refinery, 1890.
- HOLLAND, ROBERT AFTON, JR.: A. B., 1886, A. B., Harvard, 1888. Residence, St. Louis, Mo.
- JURGIELEWICZ, EDWARD ADOLPH: A. B., 1889. With I. L. Lyons & Co., New Orleans.
- LEWIS, HAMPDEN SIDNEY: A. B., 1887. Medical Student, Tulane.
- MCLEOD, WILLIAM CHARLES: A. B., 1887; Bachelor of Laws, Tulane, 1889, Attorney at Law, New Orleans.
- MAAS, CHARLES OSCAR: A. B., 1888. Instructor in Physics, Tulane, 1889-90.
- MALOCHEE, HENRY JOSEPH: B. S., 1889; Instructor of Drawing, Tulane, 1887-9. With Southern Electrical Manufacturing Supply Co.
- PATTON, MERCER WILLIAMS: A. B., 1889. Student of Law, Tulane.
- PERRILLIAT, ARSENE: B. S., 1883; Assistant Professor Physics, Science, and Mathematics, Tulane, 1888-9. Assistant State Engineer, 1890.
- POPE, BOLLING ANTHONY, JR.: B. S., 1885. Student of Medicine, College of Physicians and Surgeons, New York.
- RAINOLD, FRANK EDWARD EMILE: A. B., 1886; Bachelor of Laws, Tulane, 1889. Notary Public and Attorney at Law, New Orleans.
- SCHERCK, LEWIS ALCUS: A. B., 1888; Assistant Librarian, 1889. Clerk at A. Baldwin & Co., New Orleans.
- SPENCER, WALKER BRAINERD: A. B., 1888. Student in Law Department.
- STAFFORD, CHARLES BURKE: B. Lit., 1883; Librarian, 1885-6; Bachelor of Laws, 1886. Attorney at Law, New Orleans.
- VAUGHAN, THOMAS WAYLAND: B. Sc., 1889; Instructor of Physics and Chemistry, Mount Lebanon, 1890.
- WHEELER, ARTHUR SEAVER: Bachelor of Science, 1883; Bachelor of Arts, 1883; Master of Arts, 1885; Assistant Professor of Biology, 1887-8; Student of Veterinary Surgery at University of Pennsylvania, Philadelphia.

TULANE COLLEGE.

CLASS.	CLASSICAL COURSE.	Hours per Week.	LITERARY COURSE.	Hours per Week.	SCIENTIFIC COURSE.	Hours per Week.	ENGINEERING COURSE.	Hours per Week.
SENIOR.	Psychology.....	4	Psychology.....	4	Psychology.....	4	Psychology.....	4
	Political Science and Rhetoric (half year each).....	3	Political Science and Rhetoric (half year each).....	3	Political Science and Rhetoric (half year each).....	3	Political Science and Rhetoric (half year each).....	3
	German (half year).....	3	German (half year).....	3	German.....	3	German.....	3
	Latin.....	3	Latin.....	3	Biological Laboratory.....	6	Special Technical Work.....	6
	English.....	3	English.....	3	Chemical Laboratory.....	9	Applied Mechanics.....	3
JUNIOR.	Greek.....	3	Biological Laboratory.....	4	Physical Laboratory.....	4		
	Latin.....	4	Latin.....	4	Chemical Laboratory.....	6	Chemical Laboratory.....	6
	Greek.....	4	French.....	4	Physical Laboratory.....	4	Physical Laboratory.....	4
	German.....	3	German.....	4	German (begin).....	3	German (begin).....	3
	History (to Christmas) and English.....	3	History and English.....	3	History and English.....	3	History and English.....	3
SOPHOMORE.	Chemistry.....	4	Chemistry.....	4	Chemistry.....	4	Chemistry.....	4
			Geology and Astronomy.....	3	Geology and Astronomy.....	3	Geology and Astronomy.....	3
			Mathematics (half year).....	3	Mathematics (half year).....	3	Analytical Mechanics and Mathematics.....	3
	Latin.....	3	Latin.....	3	Biological Laboratory.....	1	Manual Training and Drawing.....	6
	Greek.....	4	German.....	4	Biological Laboratory.....	4		
FRESHMAN.	English and Rhetoric (half year each).....	3	English and Rhetoric (half year each).....	3	English.....	3	English.....	3
	French.....	3	French.....	3	Mathematics.....	6	Mathematics.....	6
	Physics.....	4	Physics.....	4	French.....	3	French.....	3
	Roman History.....	2	Roman History.....	2	Physics.....	4	Physics.....	4
					Roman History.....	2	Roman History.....	2
	Latin.....	4	Latin.....	4	Drawing.....	6	Drawing.....	6
	Greek History.....	2	Greek History.....	2	Greek History.....	2	Greek History.....	2
	Greek.....	3	German.....	3	Biological Laboratory.....	1	Biological Laboratory.....	1
	Rhetoric and English.....	2	Rhetoric and English.....	2	Rhetoric and English.....	2	Rhetoric and English.....	2
	French.....	3	French.....	4	French (begin).....	4	French (begin).....	4
	Mathematics.....	5	Mathematics.....	5	Mathematics.....	5	Mathematics.....	5
					Manual Training.....	6	Manual Training.....	6
					Biological Laboratory.....	4	Biological Laboratory.....	4

NOTE.—Two hours of Laboratory work or Drawing is considered equivalent to one in the Lecture room.

Detailed Statement of Work in the Several Courses.

HISTORY AND POLITICAL SCIENCE.

PRESIDENT JOHNSTON.

History, as the record of the most important phenomena of humanity, furnishes material for thought in almost every line of study, stimulates the imagination, and furnishes examples and warnings in practical conduct; in a word, is "philosophy teaching by example." As such it occupies a central position in any scheme of liberal education, and, in view of its extent and value, should be pursued as a continuous study from the beginning to the end of the student's career.

Ancient History is taught by consecutive steps in the Freshman and Sophomore Classes of all the courses by the Professors of Greek and Latin; and English History by the Professor of English History in the Junior Class. French History and German History are taught in their respective classes. The Senior Class attend a course of about fifty Lectures by the President, on Political Science and the History of Civilization.

FRESHMAN CLASS: Smith's Larger History of Greece; Myers's History of Greece. Helpful books are suggested by the Professor for parallel reading.

SOPHOMORE CLASS: Church's Stories from Virgil; Church's Stories from Livy; Allen's History of Rome; De Quincey's Caesar. Some attention is given to special investigations by the class in the Library, and also to Map Drawing, two lessons a week.

JUNIOR CLASS: D. H. Montgomery's Leading Facts of English History, (used as a basis of work).

SENIOR CLASS: Lectures by the President. Books of Reference, Guizot's History of Civilization; Sir Henry Maine's Works; Tylor's Anthropology; Spencer's Sociology; Hegel's Philosophy of History; Woolsey's International Law; De Tocqueville's Democracy in America; H. Taylor's History of the English Constitution.

MENTAL SCIENCE.

PROFESSOR DIXON.

The study of Mental Science is undertaken by the Senior Class, Psychology and the History of Philosophy each being studied one-half of the collegiate year. The method of instruction, which is believed to be the best adapted to the subject, and which is therefore adopted, is a combination of lecture, recitation, and discussion. The Professor meets his class four times a week throughout the session.

Text-Books: Psychology, John Dewey; History of Philosophy, Schwegler, translated by J. Hutchinson Stirling.

LATIN.

PROFESSOR JESSE.

Latin is taught in the Classical and Literary Courses.

In the Freshman Class it is assumed that the student has gained some knowledge of the inflections of words, and has read at least five books of *Cæsar de Bello Gallico*, or an equivalent amount of other prose.

The Freshman Class studies Mythology in connection with Ovid and Virgil; the Sophomores study Roman History in all regular Courses of the College (see under History and Political Science). Some time is devoted to Antiquities in the Junior year; and in the Senior, to Early Latin and the History of the Literature. The study of Metre goes hand-in-hand with the study of Poetry. Careful attention is given everywhere to the structure of the language, as set forth in the Grammars, exemplified in the daily readings, and practically applied in (weekly) compositions. Sight reading also is not neglected. The Judah Touro Medal is awarded in the Senior Class for excellent performance of work specially assigned each year.

FRESHMAN CLASS: Gildersleeve's Latin Grammar; Gildersleeve's Latin Exercise Book; Keightley's Mythology; Ovid; Virgil.

SOPHOMORE CLASS: Gildersleeve's Latin Grammar; Gildersleeve's Latin Exercise Book; History of Rome (see under History and Political Science); Cicero; Catullus.

JUNIOR CLASS: Gildersleeve's Latin Grammar; Gildersleeve's Latin Exercise Book; Antiquities; Horace; Livy.

SENIOR CLASS: History of Latin Literature; Earlier and Later in contrast with Classical Latin; Plautus; Juvenal; Tacitus.

Every student is expected to provide himself with Harper's Latin Dictionary, and a Classical Atlas (Ginn & Co.'s, or Kiepert's).

GREEK.

PROFESSOR SHARP; ASSISTANT PROFESSOR GILL.

The study of the Forms and Syntax will be thorough, and will be continued until they are well mastered. The history of the people and of the literature, the mythology, and the antiquities will be studied with the best available helps. The course of reading will be comprehensive; and by the method used it is intended to give as great a facility as possible in translating readily into English, and to make the student at the same time familiar with the beauty and strength of the language, and with the wisdom and power of the ancient masterpieces. It is designed, by the study of word-formation, and by the constant comparison of the various processes of Greek Grammar and Greek

Rhetoric with the corresponding processes in other languages, and by the cultivation of the practice of translating into the nearest equivalent of strong, correct, idiomatic English, to give to the study of Greek a usefulness even beyond its apparent limit.

This language is studied only in the Classical Course.

Text-Books:

COLLEGE.

FRESHMAN CLASS: Hadley and Allen's Grammar; Jones's Exercises in Greek Prose Composition (completed); Lysias; Herodotus.

SOPHOMORE CLASS: Hadley and Allen's Grammar; Mahaffy's Old Greek Life; Boise's Exercises in Greek Syntax; Homer; Demosthenes; Lucian; Reading at Sight (Kendrick).

JUNIOR CLASS: Jebb's Greek Literature; Goodwin's Greek Moods and Tenses; Thucydides; Euripides; Sophocles; Reading at Sight; Allinson's Greek Prose Composition.

SENIOR CLASS: Aristophanes; Æschylus; Plato; Murray's Mythology; Original Exercises.

LEXICONS: Liddell & Scott's Greek-English Lexicon (seventh edition); Yonge's English-Greek Lexicon; Autenrieth's Homeric Dictionary.

ENGLISH.

PROFESSOR SHARP.

The scientific study of English, stimulating, as it does, original thought, and providing a greater power of comprehension and expression of thought, offers the best, almost the necessary introduction and accompaniment to the work in the other branches of collegiate education. But apart from this, the careful and extended study of English, as an end in itself, is of the greatest advantage to the student, whatever may be his aim in life. In practical value, our own tongue must, of course, outweigh all others, modern or ancient; and, as a means of mental training, the study of English is perhaps inferior to no other process. Certainly, wherever English is spoken, the study of English should occupy a leading place.

In this course, the study of Literature and the study of the Language are combined. Selections from representative authors, from the 19th century back to the Anglo-Saxons, will be read and treated with reference to the two-fold end in view. That is, it is designed:

1. That the student shall learn the extent and richness of the English Literature as a whole, and shall acquire a knowledge of the more important points in detail. Stress is laid upon the careful reading and correct interpretation of the works taken up, while the place and importance of each as a part of the whole is considered. Annotated texts and notes by the professor will furnish help where it is needed.

2. That, at the same time, the student shall be able to observe, in what he reads, the development of our composite language, and to trace the history of our idioms and of our words and inflections. The text-books in philology and the history of the language supplement the course in this application.

The study of language, if divorced from literature, if made the study of words and not of speech, must become dry and lifeless: language may be best studied when performing its one legitimate function, expressing thought. So, too, if we would make our own all that literature offers us, we must thoroughly acquaint ourselves with the means of expression; hence the propriety of the plan here followed.

FRESHMAN CLASS: Backus Shaw's History of English Literature. Shaw's Specimens of English Literature. This class is taught at present in the History and Literature Course.

SOPHOMORE CLASS: Period from Shelley back to Dryden. The reading is chiefly from the poets. Pelle's Philology.

JUNIOR CLASS: Dryden; Milton; Bacon; Shakespeare. Part of Lounsbury's History of the English Language. Notes by the Professor on the History of the Language.

SENIOR CLASS: Spenser; Chaucer; Studies from some of the Victorian Poets; Anglo-Saxon Grammar and Reader.

Selected works in prose and in poetry are assigned in each class for parallel reading. Particular attention is paid to English metres. Essays upon the selections read are required from time to time.

ENGLISH HISTORY AND RHETORIC.

PROFESSOR FICKLEN.

These branches are studied in all the Courses. Rhetoric begins in the Freshman year, with a simple, practical text-book, while short essays in Narration and Description are made to illustrate the principles acquired. In the Sophomore and in the Senior class, half the year is devoted to the deeper study of Rhetoric. More advanced text-books are chosen; longer essays are written; and every effort is made to develop any vein of originality that a student may possess. Great stress is here laid upon Exposition, Argumentation, and Persuasion.

In the Senior Literary Course special instruction is given in Forensics, or the Art of Debate. Throughout the Senior Courses extensive extracts from the works of Macaulay, De Quincey, Carlyle, and other writers are read and criticised. Thus it may be seen that Rhetoric is taught not as a body of dry rules, but as a practical aid to clearness and force in writing and speaking.

In the Junior class English History is taught. Students are required

to examine various works on history, and give the result of their investigations under the form of essays. The growth of English institutions and the progress of the people in general well-being are studied as fully as the time permits.

The text-books are:

FRESHMAN: A. S. Hill's Rhetoric; Herbert Spencer's Philosophy of Style.

SOPHOMORE: J. F. Genung's Rhetoric; "Sir Roger de Coverley."

JUNIOR: D. H. Montgomery's Leading Facts of English History, (used as a basis of work). For reference: Hume, Freeman, Froude, Macaulay, Green, Knight, McCarthy, and the English Chronicles.

SENIOR: Minto's Manual of Prose Literature. (designed to show the characteristics of style); Goodrich's British Eloquence.

GERMAN.

PROFESSOR DEILER.

In the College there are two different Courses of German. In the Literary Course German begins in the Freshman year and is continued for three years.

LITERARY COURSE.

FRESHMAN CLASS: German Grammar: Narrative Prose.

SOPHOMORE CLASS: Grammar completed; Selections from various authors; Conversation; Geography and History of the German Empire.

JUNIOR CLASS: Review of Grammar; History of German Literature; Conversation; Composition; Lectures on and selections from the principal authors of the different periods; Selected Classical Plays.

Nothing but German is spoken in this class, and every effort is bent toward giving the student the ability to express himself in German in *speaking* as well as in *writing*.

There is also a two years' Course of German in the College, which extends over the Junior and Senior years. This course is obligatory for all students except those of the Literary Course. In this two years' course the student will master the principles of Grammar, acquire by reading a fair vocabulary, and be able to understand the *written* and *printed* languages accurately and readily.

FIRST YEAR: (Joynes-Meissner's Grammar;) Geography and Political History of the German Empire.

SECOND YEAR: (Joynes-Meissner's Grammar;) Gostwick and Harrison's History of German Literature; Selected Plays.

The selections read in the Senior classes of all the courses will be changed from year to year.

FRENCH.

PROFESSOR FORTIER.

In a city like New Orleans, where so many persons speak French, and where we meet at every step with the souvenirs of the early colo-

nists, the French language must be taught, as far as possible, like a mother tongue. French is not a foreign language in Louisiana, and the way of teaching it must vary from that of the other colleges in the United States. The course must be theoretical and scientific, but, above all, literary and practical. Our graduates must know thoroughly the geography, history, and literature, of France, and must be able to speak the language to those whom they meet in their daily pursuits, many of whom, in the country parishes, speak very little English.

In the Classical, Scientific, and Engineering Courses, the instruction in French begins in the Freshman Class, and ceases after the second or Sophomore year. In the Literary Course the instruction extends a year longer, and is then entirely scientific and literary. Historical grammar is taught, and the professor lectures on French Literature, defining clearly to the students the different epochs in literature, such as Old French, Middle French, and Modern French.

By referring to the following course, the method of instruction can be readily understood:

In the Freshman year the pupil learns the grammar of the language and the history of France, has his ear accustomed to the French sounds, and can read any light work, such as a tale or a comedy. He is thus prepared for the Sophomore Class, in which, in his French studies, he abandons completely all books written in English, and studies the best works used in the schools of France. The reading consists of the best works of the seventeenth and eighteenth centuries. In the Junior Class four hours a week are devoted to French, so that the students, who have heard nothing spoken in class but French for two sessions, have learned how to speak the language and how to write it.

For candidates for the degree of Master of Arts, a class in French will be established for a critical study of the oldest texts in Old French, and with lectures on the comparative philology of Romance languages.

Students from the country and neighboring States may obtain board in French families where French is correctly spoken, and the Faculty will aid them in making such arrangements.

FRESHMAN CLASS: Whitney's Practical French Grammar; Montgomery's Leading Facts of French History; Labiche et Martin: "La Poudre aux Yeux;" De Vigny's "Le Cachet Rouge;" Fontaine's "Historiettes Modernes;" A. Fortier's "Sept Grands Auteurs du Dix-Neuvième Siècle;" H. de Bornier's "La Fille de Roland."

SOPHOMORE CLASS: Larive et Fleury: Troisième Année de Grammaire; Sadler's Translating English into French; Littérature Française de Ricard; Corneille: "Polyeucte;" Racine: "Phèdre;" Molière: "l'Avare," "le Misanthrope;" Boileau: "l'Art Poétique;" Voltaire: "Zaire;" Voltaire's Prose.

JUNIOR CLASS: Bonnefon's "Ecrivains Modernes de la France;" Clédat's "Morceaux Choisis des Auteurs Français du Moyen Age;" Lamartine's "Méditations;" F. F. Crane's "le Romantisme Français;" V. Hugo: "Hernani," "Ruy Blas."

DICTIONARIES: Spiers and Surenné's, or Masson's, or Heath's.

MATHEMATICS.

PROFESSOR CROSS.

To enter the Freshman Class, a knowledge of Algebra, as far as Quadratic Equations, and Plane Geometry is required. This Class assembles five times a week for recitation. The completion of Algebra and the study of Solid Geometry will be the work of the first term of the Session. Plane and Spherical Trigonometry, Surveying and Leveling, will be studied during the second term. Field Practice will be given sufficient to familiarize the student with the use of the Compass, Level, and Transit.

Students in the Scientific and Engineering courses of the Sophomore Class will have six recitations a week. They will study Conic Sections and Analytical Geometry of Three Dimensions the first term, and will take Differential and Integral Calculus during the second term of the Session.

In the Junior Class, students in the Engineering Course will study Descriptive Geometry, Shades and Shadows, and Linear Perspective, to the first of January, after which time they will take up Analytical Mechanics.

Text-Books:

FRESHMAN CLASS: Wentworth's Plane and Solid Geometry; Wentworth's Complete Algebra; Loomis's Trigonometry and Logarithms (Revised Ed.)

SOPHOMORE CLASS: Loomis's Analytical Geometry; Buckingham's Differential and Integral Calculus—Examples from other Authors.

JUNIOR CLASS: Church's Shades and Shadows; Lectures; Wood's Analytical Mechanics.

APPLIED MATHEMATICS.

PROFESSOR CROSS, AND PROFESSOR ORDWAY.

Analytical and Applied Mechanics are taught in the Engineering course in the Junior year. The principles of Analytical Mechanics are fixed in the mind by continual exercise on problems. In Applied Mechanics, which is taken up in the Senior year, the aim is to give students a general and practical knowledge of the mechanics of structures and machines. The leading topics considered are the various kinds of frames, the straining actions on loaded beams and structures, the geom-

etry of gearing, the dynamics of the steam engine and other motors, frictional resistances, stiffness and strength of materials, etc. The textbooks are: In Applied Mechanics, Cotterill; and in Analytical Mechanics, Wood, or Michie.

PHYSICS.

PROFESSOR AYRES.

The instruction in Physics begins in the Sophomore year, four hours a week being given to it by the students in all the courses. The instruction consists of fully illustrated experimental lectures, recitations on the lecture notes and on the text, and the solution of numerous practical problems. A full presentation is given of the applications of physical principles that are now so important in the arts. The steam engine, the telegraph, the telephone, the electric light, the electric motor, the theory and use of the sugar polariscope, all receive due attention. Every needed appliance is at hand for the projection of diagrams, pictures, experiments, microscopic objects, etc., either by sunlight or by the lantern, and frequent use is made of this very satisfactory method of class demonstration. The scientific students are very thoroughly drilled on the application of the simpler mathematics to the solution of physical problems.

In the Junior year the students in the Scientific and Engineering courses have four hours a week of laboratory work. For the first half session the work consists of the exact study of units, comparisons of units, precise weighings, determination of density, the establishment of the laws of elasticity, capillarity and radiant heat, barometric readings and reductions, determinations of the intensity of gravity, standardizing and calibration of thermometers, determination of specific and latent heats, vapor densities, expansions, etc. For the second half session the work consists of optical, electrical, and magnetic measurements, introductory to the higher work in these subjects in the Senior year.

In the Senior year the students in the Scientific course have four hours, and those in the Engineering course that may choose physical laboratory work as one of their electives, have six hours a week in optical, electrical, and magnetic measurements. They determine refractive indices, angles of crystals, wave lengths, focal lengths, and radii of curvature of lenses and mirrors, and establish the laws of the interference and diffraction of light. They study spectrum analysis, and map prismatic and diffraction spectra, learn the use of the microscope, and study with some degree of thoroughness the subject of polarized light. In electricity and magnetism, they determine galvanometer constants, measure resistances of conductors and batteries, electromotive forces and

potentials, capacities, insulation resistances, magnetic declination and intensity, etc.

In addition to the usual facilities, the lecture room and laboratory are supplied with electric current for arc and incandescent lights and for electric motors. This current is under perfect control by means of large resistance coils of German silver and iron wires, by which any current up to fifty or more ampères can be obtained with great ease.

The Text-Books are:

SOPHOMORE: (To be selected.)

JUNIOR CLASS: Stewart and Gee's Practical Physics, volumes I, II, and III.

SENIOR CLASS: Stewart and Gee's Practical Physics, volumes II and III.

PHYSICAL APPARATUS.

The Instrumental equipment of the Department of Physics is very good, and in some directions it is quite full and excellent. The instruments are of the most approved forms, and are from the best makers of this country and Europe.

The apparatus is principally from the following celebrated makers: Ritchie, Queen, Green, and Becker, in this country; Browning, Patterson, and Cooper, and Elliott Brothers, London; Duboscq, Hoffman, Carpentier, DeMeritens, and Breguet, Paris; Edelmann, Munich; Rueprecht, Vienna; Société Genévoise, Geneva. It is selected with special reference to accurate measurement, and there is sufficient duplication to allow of the successful working of classes in the laboratory. It is believed that in these respects it is not excelled by any similar equipment in the South.

A well-equipped workshop, run by an electric motor, adjoins the laboratory, and an assistant is almost constantly employed in the manufacture, repair and modification of apparatus.

APPLIED ELECTRICITY.

PROFESSOR AYRES.

In addition to the laboratory work and theoretical instruction in Electricity and Magnetism, there is a course of lectures and practical demonstrations and exercises on the application of Electricity to lighting and the distribution of power, and to telegraphy and telephony. This work is an elective in the Senior year of the Engineering Course, but is also open to special students.

In these lectures the subject is treated from a practical yet thoroughly scientific standpoint, and the student who has successfully completed the Course, in addition to the laboratory and other electrical work referred to above, is well equipped for an electrical career.

For the purposes of this Course the laboratory has a number of dynamos and motors of different forms and capacities, and a variety of telephonic and telegraphic apparatus. Among the more prominent of these machines may be mentioned a seven and a half horse power Sprague motor, a one-horse power De Meritens machine, a small Gramme machine, and two Edison dynamos with all accessories, which are installed so as to form a complete model three-wire system, with its lamps, mains, feeders, pressure wires, amperemeters, indicators, etc. A number of amperemeters and voltmeters, including two tangent galvanometers of about three feet in diameter, give the means for the measurement of heavy currents and high potentials.

The practical work includes the testing of the machines for conductor and insulation resistance, the study of the law of the electromagnet in dynamo machines, the determination of the strength of field in absolute measure, the mapping of the characteristics of shunt, series, and compound machines, the determination of the electrical and commercial efficiencies of dynamos and motors, the determination of the candle powers of arc and incandescent lights, and the study of the influence on them of varying conditions of potential, etc.

In the lectures, the theory of all these subjects is fully treated, and methods of distribution, construction, and regulation, are discussed from the economic standpoint. The course is based upon Thompson's Dynamo-Electric Machinery, but frequent reference is made to the works of Kapp, Hopkinson, Esson, Dredge, Hering, Kennedy, Preece, Prescott, and others, and to the current electrical literature.

CHEMISTRY.

PROFESSOR CALDWELL.

This subject is taken up in the Junior year, where four hours a week are given to it by all the students. The whole subject of Inorganic and Organic Chemistry is here covered with as much completeness as the time will allow. The lectures are very fully illustrated by experiments, and problems on the cost of manufacture and the quantitative relations of products to the materials from which they are made, form a radical feature of the course. Special attention is directed to the relations of Chemistry to the industries of the country. The reduction of ores, the processes of dyeing and bleaching, the manufacture of iron and steel, of porcelain and pottery, of explosives, of soaps, and of starch and glucose, are all noticed incidentally. The chemistry of sugar-making receives special attention, as well as that of foods and vegetation in general. The students of the Scientific and Engineering courses have,

in addition to this class, six hours a week of laboratory practice. They repeat in the laboratory a selected number of lecture experiments, prepare a series of the salts of the metals, and thus become familiar with the ordinary mechanical operations of the laboratory. They also gain some insight during the year into qualitative and blow-pipe analysis.

In the Senior Class the students of the Scientific Course have nine hours a week of laboratory practice throughout the year. They complete the subject of Qualitative Analysis, and pursue a course of Quantitative Gravimetric and Volumetric Analysis, and have some practice in Organic Analysis. Instruction will also be given in Assaying by dry and wet methods. Those who desire may give some attention to sugar-testing and analysis, by both polariscopic and chemical methods. It is proposed to devote some time in this connection, to the subjects of Crystallography and Mineral Analysis, thus making the Chemical Laboratory complementary to the study of Mineralogy.

Text-Books: Bloxam's Chemistry; Jones's or Clowes's Practical Chemistry; Thorp's Quantitative Analysis.

For Reference: Fresenius's Qual. and Quant. Analysis; Sutton's Volumetric Analysis; Tucker's Sugar Analysis; Mitchell's Manual of Practical Assaying.

CHEMICAL LABORATORY.

The laboratory has recently been enlarged, and is capable of accommodating about thirty students, working simultaneously. It is conveniently fitted up, and is sufficient for the present needs of the Institution. The apparatus is being enlarged and improved from year to year; an important addition lately made is an electrical arrangement whereby electrolytic processes are able to be very expeditiously and conveniently conducted.

APPLIED CHEMISTRY.

PROFESSOR ORDWAY.

Engineering students, and graduates who intend to devote themselves to arts in which chemistry is concerned, will receive special laboratory instructions in Applied Chemistry, under Prof. Ordway, who has had many years' experience in the management of large chemical manufactories. Particular attention will be directed to investigations, having reference to economy and excellence of production.

For convenience in obtaining steam, and handling fuel, the operations will be carried on for the present on the premises of the mechanical workshops.

As the industries of our country are extending, there is an increasing demand for expert chemists and metallurgists; and it is hoped that some of our students will find in the chemical arts a good field for their life work.

ASTRONOMY AND GEOLOGY.

PROFESSOR CALDWELL.

Three hours a week, during the entire year, are devoted to Astronomy and Geology, by the Scientific and Engineering Sections of the Junior Class. It is proposed to make the study of Astronomy as practical as possible; such subjects as determination of Terrestrial Latitude and Longitude, Right Ascension and Declination, will be specially emphasized, and meetings at night will be arranged to study the face of the heavens.

The course in Geology will be conducted by text-book, lectures, and illustrations, and, when possible, practical field work. It will be the aim of the Professor to impress the facts and principles involved in Dynamical Geology—to make real to the mind the theory of the Earth's gradual passage from one stage of its history to another, by the agency of forces such as are now seen to be operating in the world around; to study the Earth's structural character and relations, and to show how, from these, a historical view may be obtained of this developing globe; to consider organic life as it is expressed in the fossils of the various strata, and to discover, if possible, the connection between the successive fauna and flora; also to indicate the practical value and results of the science. The important subject of Mineralogy and Lithology will receive as much attention as time will allow. All the divisions of the course will be fully illustrated by the use of the collections of the Museum of this Institution.

Text-Books: Newcomb & Holden's Astronomy or Senell's Olmsted; Le Conte's Elements of Geology; Dana's Mineralogy and Lithology.

For reference: Dana's & Geikie's Geology; Brush's Determinative Mineralogy.

BIOLOGY.

ASSISTANT PROFESSOR LINGLE.

This subject is pursued in the Freshman, Sophomore, and Senior years. Instruction is gained from text-books, lectures, and laboratory work. The laboratory is a well-lighted room, supplied with tables, aquarium, dissecting instruments, charts, microscopes, and accessories, a Thoma microtome of the best pattern, staining reagents, etc. Much

information on a subject so broad as Biology can not be acquired in the time allotted, yet it is hoped that in what is given there will be a good preparation for those intending to study medicine, and for the general student a training in scientific work both interesting and valuable.

FRESHMAN YEAR: This year is devoted to the study of General Biology. One lecture is given and four hours spent in the laboratory each week during the year. The object of the course is to give the beginner a review of the main facts of animal and vegetable life. The exercises begin with the study of the simpler forms. The main facts of their Morphology, Histology, and Physiology are explained in the lectures. Afterward each student, personally, so far as is possible, verifies these statements in the laboratory. For this work full directions are furnished, based on those in "Huxley and Martin's Biology." Thus the most is accomplished in the shortest time, and the habit is formed of working scientifically. Following the natural method, the advance is made, by a study of graded forms, from the simple to the higher and more complex.

The following is a list of the plants and animals studied during the year:

Yeast,	Amœba,	
Bacteria,	Vorticella,	
White Mould,	Hydra,	
Green Mould,	Earthworm,	
Hæmatococcus,	Crayfish,	
Spirogyra,	Fresh Water Mussels,	
Chara,	Frog,	
Pteris,	Pigeon,	} If time permits.
Bean Plant,	Rat.	

A text-book of Biology by J. R. Davis is used.

SOPHOMORE YEAR: Three hours per week for six months of the year will be devoted to the study of the human body. Its anatomy, so far as possible, will be illustrated by that of the lower mammals. A collection of microscopical slides is used to show the histology of all the organs and tissues. Some idea of its osteology is gained from the study of the skeleton. An effort will be made to demonstrate some of the facts of the physiology of muscle, nerves, glands, and organs of special sense.

The last two months will be devoted to Phacærogamic Botany.

The study of general Morphology necessarily precedes that of classification or systematic botany. Each student is expected to acquire some facility in referring forms to their species.

Text-books: Martin's "Human Body," and Wood's Botanist and Florist.

SENIOR YEAR.

Six hours a week during this year will be divided between the subjects of Embryology, Systematic Zoology, and Cryptogamic Botany. Embryology is taught by lectures and laboratory work. The aim is to give the student some idea of the changes occurring in the hen's egg during the first seventy-two hours of incubation. The laboratory work will be the practical study of prepared embryos. At the same time an opportunity is open for the student to learn the processes of fixing, hardening, staining, imbedding, section-cutting, and mounting. This subject naturally precedes systematic Zoology, as the conclusions of the latter are in many cases based upon the facts learned by the study of Embryology. Zoology will be taught by lectures illustrated by models and specimens from the museum. In Cryptogamic Botany the work will be done mostly in the laboratory, where the student will investigate such material as can be secured.

Text-books : Elements of Embryology, Foster and Balfour; Claus & Sedgwick Zoology (reference book); Bennett & Murray Cryptogamic Botany.

DRAWING.

PROFESSOR WOODWARD.

Drawing is continued in the College, except in the Classical and Literary Courses. To students of the Scientific and Engineering Courses mechanical drawing and design are of great practical as well as disciplinary value. In the Scientific Course pupils are expected to practice drawing in connection with the work of the Biological Laboratory, as it is of great service in training the mind to nicety in observation. The advance work in drawing will be varied to meet the special needs of the students.

MECHANICAL WORK.

PROFESSOR ORDWAY.

In the Scientific and Engineering Courses the shop work of the High School is continued through the Freshman year. In the Engineering Course it runs through the Freshman, Sophomore, and Junior years. This advanced work includes forging, brazing, chipping and filing iron, and lathe work. In the Senior year the students of the Engineering Course attend lectures on Tools, Manufactures, and Materials of Construction.

For those who are looking forward to the mechanical engineering profession opportunity is also offered for experimental work in the pro-

duction, managing, and testing of steam, and in the use of the steam-engine indicator.

The shop work, drawing, and some experimental work, are carried on in the well-lighted and ventilated building at the corner of Lafayette and Dryades streets.

The carpenter shop is furnished with thirty independent benches, each supplied with a set of all the tools required. The wood-turning room, which receives power from below, is provided with thirty lathes and pattern-making benches, two jig saws, a grindstone, a large pattern-maker's lathe, a buzz planer, a circular saw. The last two machines the students are not allowed to use, except under the immediate supervision of the instructor.

The forge room contains thirty forges, with fan blast and smoke-exhausting arrangement. The machine room contains the steam engine, a grindstone, a machine drill, a hand drill, an iron planer, a shaper, an emery wheel and a buffing wheel, six engine lathes, six speed lathes, and fifteen vise benches. The wash room, in the rear of the dressing room, is supplied with hot and cold water.

A tinsmith's shop has been annexed lately, so that the students, during the warm months of the school year, may have practice in soldering and brazing instead of the heavier work of forging.

To every student of the Engineering Course is given a liberal hand-work training,—that is, he is not allowed to take only one branch, but he is expected to work at all the different branches in succession; carpentry and joinery, wood-turning and pattern-making, with some wood-carving, forging, chipping and filing iron, soldering and brazing, and the use of machine tools in working iron, steel, and brass.

Thus the student not only learns how tools are used, but he also gains a practical understanding of the nature and limitations of materials. The shop work affords intellectual discipline, as it requires thought in planning and exactness in execution. It furnishes healthful bodily exercise and gives one confidence in his own constructive ability.

Though, from the educator's point of view, the utilitarian or economic aspect of hand work may be of little importance, yet no study or school exercise can be looked on as any the worse because it admits of application to matters of real life. Work shop practice is really a highly valuable part of engineering laboratory work.

GENERAL INFORMATION.

ADMISSION.

Applicants for admission to the College must be not less than 15 years of age.

Graduates of the following named schools will be admitted to Tulane College, without examination, upon the presentation of certificates from the principals of said schools attesting the preparation and fitness of the candidates upon the requirements prescribed for admission to the respective courses:

Tulane High School.
 New Orleans City High School.
 L. C. Ferrell's Select School for Boys.
 T. W. Dyer's School.
 A. S. Leche's Graded School.
 Thatcher Institute, Shreveport, La.

All other candidates will be examined upon the following requirements:

English, same for all courses.
 Pattison's Advanced Grammar.
 Dalglish's Grammatical Analysis.
 School History of the United States.
 School History of England.
 Mathematics, same for all courses.
 Arithmetic, entire.
 Algebra, through quadratic equations.
 Geometry, six books.

In addition to the above, candidates for admission to the Classical Course must be prepared for examination in Latin, on four books of Cæsar de Bello Gallico, or an equivalent; Allen's History of Rome; in Greek, on three books of Xenophon's Anabasis. Twenty Lessons in Greek Prose Composition, Jones; Myers' History of Greece (or equivalents).

LITERARY COURSE—English and Mathematics as in other courses. Latin as in the Classical Course.

For Scientific and Engineering Courses.

English and Mathematics as for other courses.

In addition to the above, Descriptive Geography entire.

The candidate for these courses must show the equivalent of two years' faithful study in either Latin, French, or German, as follows:

Latin—Gildersleeve's Latin Primer and Reader entire, or their equivalents.

French—The student must have studied either Chardenal's First French Course, Whitney's Practical French Grammar, or Keetels' Elementary French Grammar, and have read the equivalent of Supér's French Reader.

For the Scientific and Engineering Courses candidates must have as much Physics as is contained in Balfour Stewart's Physics Primer, and as much Chemistry as is contained in Roscoe's Chemistry Primer.

All examinations as required above will be in writing. In all cases equivalents will be accepted for the books named.

Applicants for admission to any advanced class or special course of the College, or to the University, will be examined on a fair equivalent of the studies previously completed by the class or course.

It is of great importance that all students shall enter promptly at the beginning of the session. A delay of a few days may affect injuriously the progress and standing of the student for the session.

DEGREES AND DIPLOMAS.

Students satisfactorily completing the Classical or Literary Course will receive the degree of BACHELOR OF ARTS, and students completing the Scientific or Engineering Course will receive the degree of BACHELOR OF SCIENCE. Students of conspicuous ability, industry, and attainments will be graduated with "distinction."

Students pursuing special courses will not be entitled to diplomas or degrees.

MEDALS.

Special prizes for marked excellence and for superior attainments are annually given upon commencement day, in the form of gold medals. These are designated as:

I. Glendy Burke Medals, which are awarded, one for elocution, one for superior attainments in mathematics, and one for an English Essay.

II. The Judah Touro Medals, awarded for excellence in Latin, in Greek, and in Ancient History.

III. A Louis Bush Medal for the best Essay in the French language.

No medal is awarded except when marked excellence is exhibited in the subject of the competition.

The following additional rules have also been adopted by the Faculty upon this subject:

That in all cases where the awarding of medals is not distinctly specified by the terms of the donation, the students shall compete on basis of work above and beyond the prescribed course, said work to be assigned by the Faculty at the end of each session for the succeeding session.

That all medals, except the one for elocution, shall be open to competition on the part of all undergraduates in the regular courses in the College. In the case of the Elocution medal, however, competition shall be restricted to such undergraduates as are members of Literary Societies recognized by the Faculty. But no medal shall be awarded to any student who has failed or been conditioned for the session at the close of which it is awarded.

LITERARY EXERCISES.

General Literary Exercises for the purpose of encouraging the arts of Essay Reading and Elocution will be held weekly in Tulane Hall, on which occasions all students of the College will be expected to be present and participate. The exercises will be under the immediate direction of the Faculty, the members of which will criticize and correct the several efforts of the students.

Students are urged to join one of the Literary Societies of the University, which are recognized as agencies of great value and importance in the same direction. Contestants for the Glendy Burke Medal for Elocution must be members of one of these societies, and recommended for the contest by a majority vote of their respective organizations.

The societies recognized by the Faculty are the Glendy Burke, and the Tulane Literary Society.

SCHOLARSHIPS.

The University grants about one hundred and fifty free scholarships in the Collegiate and High School Departments, which are filled by nominations from the State Senators and Representatives and by the Mayor of New Orleans.

The Administrators, in accordance with the terms of the act establishing the University, have adopted the following rules in regard to the candidates for the scholarships to be filled:

First—As provided in said act there shall be one such scholarship for each Senator and each Representative in the State, and it shall confer the privilege of free tuition.

Second—Whenever a vacancy exists in the scholarship it may be filled by the then sitting member for that district; provided, however, that the vacancy must be filled before the expiration of his term, otherwise his successor shall make the nomination.

Third—The candidate must be a *bona fide* resident of the district or parish from which he is appointed; that is, his parents, or guardian, shall be domiciled in said parish or district.

Fourth—He must be a white male youth, twelve years of age, to enter the High School, or fifteen years of age to enter the College.

Fifth—He may enter any regular class for which he is found prepared, after satisfactory examination by a committee appointed for that purpose by the President of the University. No candidate will be accepted or allowed to matriculate who is not at least qualified to enter the High School of the University.

Sixth—His application for admission to the University must be in writing, stating the name and postoffice address of his parents or guardian; the date of his birth; and, if his parents do not reside in New Orleans, the name of a responsible citizen, resident here, who will act as his guardian.

Seventh—Accompanying his letter of application he must present his credentials. His nomination shall be made out in the following terms:

I, A B.....for the ..
State of Louisiana, hereby nominate
son of..... and.....to fill the
vacancy in the scholarship in the Tulane University of Louisiana, ac-
corded me as..... from this

The saidis a male white youth,
twelve years of age, of good moral character, and a *bona fide* resident
of the said.....

[Signed]
.....from

Eighth—In order to identify the signature to such appointment of the Senator or Representative making it, his signature must be acknowledged by him before some competent State official.

Ninth—Before matriculation the said scholar must sign a promise to obey, in good faith, the laws of this State and of the University, and to conduct himself as a good student and as a gentleman. He will then matriculate, and will be furnished with a certificate thereof, will be enrolled on the books of the University, and considered a member of the Academical Corps, and subject to its regulations, until graduation, resignation, death, or dismissal. The President shall assign him to such class or classes as his examination shows him competent to enter.

The number of free scholarships during the past season has been:

In the High School.....	71
In the College.....	50
Total	121

By whom appointed:

Representatives.....	44
State Senators	22
Mayor of New Orleans	10
Board of Administrators	45

Total 121

By a resolution of the Administrators of the University, an additional free scholarship in Tulane College is annually awarded to that student of the Sub-Freshman Class who shall be selected by the High School Faculty as most distinguished for scholarship, deportment, and punctuality, and another is awarded in like manner to the City High School.

DISCIPLINE.

Tulane University is, in tone, Christian, but not sectarian. This is the spirit it strives to inculcate. The discipline [of the institution is mild, but firm. The students are presumed to be gentlemen, and a high standard of honor and truthfulness is inculcated and maintained. When a student is found deficient in either, or is so delinquent in industry or punctuality as to offer a bad example to his comrades, his parents are respectfully notified to withdraw him. Habitual immorality, or any gross breach of discipline, is visited with suspension, dismissal or expulsion, according to the circumstances.

In order to avail itself of the full benefit of parental aid and control in securing good conduct and punctuality, the University advises parents *immediately* of all cases of bad conduct, absence or tardiness by their sons. Monthly reports of class standing, progress, and conduct, are also sent; and, at the end of each half session, a circular summarizing those facts, together with the results of his examinations.

Students whose parents do not reside in the city are required to have a guardian, who stands in the place of a parent, and to whom reports are made.

University students will be allowed the fullest freedom consistent with good order.

The regularly matriculated students of Tulane College constitute its Academic Corps and elect a Board of Directors, to which for the past five years has been intrusted the general discipline of the Academic Corps. This system has worked satisfactorily.

TULANE HIGH SCHOOL.

Three years are allotted to the academic life of the HIGH SCHOOL, which should fit the pupil for the College, or for an ordinary practical business career. Throughout the High School the attempt will be made towards a normal adjustment of that physical, mental, and moral training, which is so much praised and so little practiced. The hand, the eye, and the muscles are trained by the handwork in wood and iron, which is now admitted to be the true basis of the best mechanical education, and is claimed to confer so many other benefits. We recognize in it a most useful adjunct in all efforts for a harmonious human evolution, and that it has its place in all thoroughly coördinated schemes of education.

The purpose throughout is *training*; the means employed are those branches best adapted to considerable bodies of students. But we do not expect or desire manual training to supersede, or be substituted for, other well established courses of training sanctioned by the experience of wise and conservative men. Our motto is, "Evolution, not Revolution."

Hence the Manual Training School is not a separate department of Tulane University, but the laboratory in wood and iron, where instruction and practice render the student quick, observant, and accurate with the eye, ready, skilful, and exact with the hand, and able to think *in* things, as well as *about* them, and to execute as well as to describe.

In this physical and mechanical training, Drawing is considered fundamental, and enters into every course. Every student who enters the High School learns to draw as a matter of general instruction, while those who propose to follow a mechanical or engineering career must necessarily study with reference to its practical application,—carry it to its last results in the applied arts.

Penmanship and Accounts are also taught as practical studies.

Another branch of knowledge which is taught to every student is Physiology and Hygiene. It is taught in interesting lectures especially adapted to the age and advancement of these young students, and by examination on suitable text-books, and it is believed that this instruction will result in incalculable good.

The instruction in the High School is given in three parallel and equivalent courses of study, to-wit: 1st, Classical. 2d, Literary and Scientific. 3d, Mechanical.

The studies to be pursued in each course are contained in the schedule hereto annexed.

The High School proposes to give a solid practical education, which shall be exact and thorough, and shall fit the pupil for a further College Course, or for an entry on the apprenticeship of a practical career.

There are three classes, which are termed Preparatory, Intermediate, and Sub-Freshman. To enter the High School requires a good elementary education in Reading, Writing, and Arithmetic, including percentage and its applications, with the ordinary school knowledge of Geography and History, and the elementary principles of English Grammar.

In the Preparatory Class all the students have the same studies, except where French in the Mechanical Course is substituted for Latin in the Classical and Literary Courses. The studies diverge slightly in the Intermediate Class, and still more widely in the Sub-Freshman Class, as will be observed by referring to the Schedule of Courses of Studies. But, in all the courses, English and another language, Mathematics, some elementary Natural Science, Drawing, and Wood-Working are taught, and the effort is made to train all the intellectual faculties, while such knowledge is imparted as will be found most available in the practical affairs of life.

Three hours are given to recitations, and nearly two hours to Manual Training or Drawing, daily, except Saturdays. Studies will be carried on in study rooms under the supervision of competent instructors. The exercises open at 9 A. M. and close at 4 P. M.

No student can enter any class, or pass to a higher one, without being fully prepared for it, and evincing this preparation by a satisfactory examination.

The student who finishes any one of the three regular courses of the High School will be entitled to a DIPLOMA; and, if he has attained superior excellence, he will be granted a Diploma with Distinction.

TULANE HIGH SCHOOL FACULTY,

1890-91.

ASHLEY D. HURT, A. M.,
HEADMASTER OF HIGH SCHOOL AND PROFESSOR OF LATIN.

PROFESSOR JOHN M. ORDWAY,
DIRECTOR OF MANUAL TRAINING SCHOOL.

LYMAN C. REED, A. M.,
PROFESSOR OF ENGLISH.

JOHN R. FICKLEN, B. L., (University of Virginia,)
PROFESSOR OF ENGLISH HISTORY.

ALCÉE FORTIER.
PROFESSOR OF FRENCH.

WILLIAM WOODWARD, (Massachusetts Normal Art School,)
PROFESSOR OF DRAWING.

GEORGE GESSNER, A. M.,
PROFESSOR OF GREEK.

J. W. PEARCE, A. M.,
ASSISTANT PROFESSOR OF ENGLISH AND MATHEMATICS.

S. P. DELAUP, B. Sc., M. D.,
ASSISTANT PROFESSOR OF FRENCH.

FREDERICK W. PARHAM, M. D.,
ASSISTANT PROFESSOR OF PHYSIOLOGY AND HYGIENE.

D. R. BUCHANAN,
ASSISTANT PROFESSOR OF BOOK-KEEPING AND PENMANSHIP.

(45)

TULANE UNIVERSITY OF LOUISIANA,
ALPHONSE F. DELBERT, B. Sc.,
ASSISTANT PROFESSOR OF MACHINE CONSTRUCTION AND DRAWING

(To be appointed.)
INSTRUCTOR IN PHYSICS AND NATURAL SCIENCE.

OTIS ATHERTON,
INSTRUCTOR IN IRON-WORKING.

S. PORBES,
INSTRUCTOR IN WOOD-WORKING.

JULIUS PORBES,
INSTRUCTOR IN WOOD-WORKING.

ALLISON OWEN,
INSTRUCTOR IN DRAWING.

TULANE HIGH SCHOOL.

CLASS.	CLASSICAL COURSE.	Lessons Per Week.	LITERARY AND SCIENTIFIC.	Lessons Per Week.	MECHANICAL COURSE.	Lessons Per Week.
SUB-FRESHMAN	English Mathematics Latin Greek History of England Physiology and Hygiene Physics and Chemistry History of Rome	3 5 5 5 2 2 3 2	English Mathematics Latin Drawing, } Manual Training, } Physiology and Hygiene Physics and Chemistry History of Rome	3 5 5 5 5 2 3 2	English Mathematics French Drawing, } Manual Training, } Physiology and Hygiene Physics and Chemistry History of Rome	3 5 5 5 5 2 3 2
INTERMEDIATE	English Mathematics Latin History of Greece Drawing, } Manual Training, } Greek Greek Greek	3 5 5 5 5 5 5 5 5	English Mathematics Latin History of Greece Drawing, } Manual Training, } Natural Science Penmanship Book-keeping	3 5 5 5 5 5 3 1 2	English Mathematics French History of Greece Drawing, } Manual Training, } Natural Science Penmanship Book-keeping	3 5 5 5 5 5 3 1 2
PREPARATORY	English History of United States Latin Mathematics Penmanship Physical Training, } Drawing, }	5 5 5 5 3 5 5	English History of United States Latin Mathematics Penmanship Physical Training, } Drawing, }	5 5 5 5 3 5 5	English History of United States French Mathematics Penmanship Physical Training, } Drawing, }	5 5 5 5 3 5 5

ROLL OF HIGH SCHOOL STUDENTS.

SESSION 1889-90.

PREPARATORY CLASS.

NAMES OF STUDENTS.	COURSES.	RESIDENCE.	PARENTS OR GUARDIANS.
ANDERTON, ARTHUR WILLIAM.	L. & S...	Concession Plant., La.	G. V. Anderton.
ANSLEY, MARTIN LUTHER	.... L. & S...	Bay St. Louis, Miss.	M. L. Ansley.
BARNETT, EARL SHYREIGH	.. .Class....	Centreville, La	..... J. W. Barnett.
BARNETT, ROBERT SCOVIL	....Class....	Centreville, La	..... J. W. Barnett.
BENSON, MATTHEW HAWTHORNE	Class....	69 Royal.....	B. K. Benson.
BERNARD, MAURICE	.....Mech....	518 Esplanade Ave.....	H. C. Bernard.
BETTISON, EDMUND GOLDMAN	.L. & S...	191 Robin.....	Prof. U. Bettison.
BOLLACK, ISAAC	.....L. & S...	Brownsville, Tex.....	A. Bollack.
BROWN, STEPHEN EMANUEL	...L. & S...	Columbia, La	..... John R. Brown.
BROWN, STEPHEN HENRY	....L. & S...	Columbia, La	..... Fielding Brown.
BUCKINGHAM, FRANKLIN DAVES	L. & S...	Bastrop, La	..... E. F. Buckingham.
CARROUCHE, FRANK JOSEPH	...Mech....	39 Chartres.....	A. Carrouché.
CARTER, THOMAS LANE	.....Class....	313 Ursulines.....	T. L. Carter.
CATE, SAMUEL MELZAR	.....L. & S...	Hammond, La.....	C. E. Cate.
CHEVREMENT, EMILE	.....Class....	228 Royal.....	T. Chevrement.
CHILTON, JOHN POINDEXTER	...L. & S...	Chotard, Miss.....	John M. Chilton.
COCHRAN, JAMES	.....Mech....	386 Magazine.....	Jas. Cochran.
COOK, SIDNEY GEORGE	.....Mech....	522 Baronne.....	Frederic Cook.
DANIEL, STEPHEN TRAVIS	....Class....	405 Erato.....	S. J. Daniel.
DAVIS, CHARLES ELLIOTT	....Class....	Lake Providence, La.	E. H. Davis.
DEBUYS, RATHBONE EMILE	....Class....	467 Esplanade Ave...	Jas. DeBuys.
DELAUP, ERNEST	.....L. & S...	212 Broad.....	Prof. S. P. Delaup.
DELPIT, EDWARD ALPHONSE	...Mech....	153 St. Anthony	.... C. F. Delpit.
DICKINSON, MARTIN MADISON, JR.	L. & S...	114 Gr. Route, St. John	Mrs M. M. Dickinson
DILLON, JOHN MARMADUKE	...L. & S...	502 Baronne.....	Mrs. E. R. Dillon.
DIXON, WILLIAM	.....Class....	174 Louisiana Ave....	Prof. B. V. B. Dixon.
DOWNING, JOSEPH JOHN	.....Mech....	199 Annunciation....	Dennis Downing.
DUFFEL, LOUIS EDWARD	.....L. & S...	Ascension Parish, La.	Dr. L. E. Duffel.
DUFOSSE, GUSTAVE SONIAT	...Mech....	413 Esplanade Ave...	T. S. DuFossat.
DUFOUR, HORACE GENERES	...L. & S...	173 Carondelet.....	Elmore Dufour.
DUREL, GEORGE	.....Mech....	269 Burgundy.....	Jules Durel.
ELLIOTT, HUGER	.....Class....	234 First.....	Dr. Jno. B. Elliott.
ELLIS, HARVEY EUGENE	.....Class....	304 Jackson.....	Mrs. E. J. Ellis.
FALLON, LAWRENCE CONRAD, JR.	L. & S...	299 Jackson.....	L. C. Fallon.
FARGE, MAURICE JOHN	.....Mech....	142 St. Anthony.....	J. K. Farge.
FASNACHT, ROBERT	.....Mech....	234 Galvez.....	Mrs. Louis Brulard.
FRERET, VINCENT	.....L. & S...	327 Second.....	F. G. Freret.
GARIG, MCCALOP	.....L. & S...	Baton Rouge, La....	Wm. Garig.
GESSNER, THOMAS FREDERICK	Class....	297 Rocheblave.....	Prof. Geo. Gessner.
GILMORE, MICHAEL JOSEPH	.....Mech....	444 Chartres.....	Thos. M. Gilmore.
GUEDRY, JOSEPH HENRY	.....Mech....	St. Amant P. O., La.	Adam Guedry.
HYATT, EDWARD CLARENCE	...L. & S...	225 Camp.....	Mrs. L. Hyatt.

INTERMEDIATE CLASS.

ABBOTT, ALBERT CUMMINGS... M. ch.... 292 State A. L. Abbott.

BENSON, DANIEL WALTER..... Mech.... 76 Valmont..... R. R. Benson.

BERGMAN, NATHAN..... L. & S.... 199 Terpsichore..... J. A. Bergman.

BIRD, EDWARD ABRAM..... Mech.... Bruly Landing, La... A. T. Bird.

BLAFFER, ROBERT LEE..... Mech.... 927 Camp..... J. A. Blaffer.

BRADLEY, LAUREN JAY..... L. & S.... 425 Prytania..... D. H. Bradley.

BRUNET, WILLIAM ALLEN..... Mech.... 125 Constance..... R. H. Brunet.

BUDECKE, CHARLES BENJ. JR... Com.... 160 Washington Ave... C. B. Budecke.

- CADE, ROBERT.....Mech....Port Allen, La.....Mrs. C. D. Cade.
 CALDER, JOHN HORN.....Com....Fourth and Prytania..Mrs. A. W. Calder.
 CARRE, HENRY BEACH.....Class....393 Canal.....Mrs. W. W. Carrié.
 CARRE, TUDOR BEACH.....Mech....393 Canal.....Mrs. W. W. Carrié.
 CHAMPAGNE, HORACE LOUIS...Mech....186 N. Rampart.....R. Champagne.
 CHRISTIAN, CHARLES GAYLER..L. & S...Peters Av.& Jeannette..P. J. Christian.
 ELLIS, ROBERT STEPHEN.....L. & S...2 Pitt.....Judge T.C.W. Ellis.
 ENDERLE, LUCIEN ISIDORE...Com....52 Prytania.....Edw. Enderlé.
 ENDERLE, REUBEN ANTHURUS..Com....52 Prytania.....Edw. Enderlé.
 EVANS, CHARLES AYLMEY.....Class....Hurst, near Joseph...Rev. Chas. F. Evans
 FAVROT, LEOPOLD MORTIMER..Mech....Port Allen, La.....Mrs. H. M. Favrot.
 FITCH, FRANK.....Class....Arabella & Chestnut..H. L. Fitch.
 FORMAN, ALFRED HENNEN...L. & S...1544 St. Charles Ave..B. R. Forman.
 GULOTTA, LEROY.....Class....356 ChestnutG. C. Norcross.
 HANDS, EDGAR BEACH.....Mech... Bayou Sara, La.....Washington Hands.
 HARRISON, JILSON PAYNE, JR..L. & S...Burke Station, La....J. P. Harrison.
 HICKMAN, WILLIAM PRESTON..Mech....Fairmount, La.....G. W. Hickman.
 HOLLOWAY, EDWARDS.....L. & S...248 Prytania.....Chas. Holloway.
 JONES, CAMPBELL.....Mech....19 Prytania.....Mrs. M. B. Jones.
 KEITH, JAMES LONG.....L. & S...Beaumont, Texas....Mrs. H. V. Keith.
 KENDALL, JOHN SMITH.....Mech....1009½ Magazine....Miss M. L. Kendall.
 KITTREDGE, WILLOUGHBY E...L. & S...Albemarle, La.....J. K. G. Kittredge.
 KLORER, JOHN, JR.....Com....118 Ursulines.....John Klorer.
 KRAMER, WILLIAM JOSEPH ...L. & S...Alexandria, La.....Mrs. John Kramer.
 LABOUISSÉ, CHARLES WILLIAM.Mech....217 Thalia.....J. W. Labouisse.
 LALLY, JOHN EDWARDMech....84½ St. AndrewM. G. Lally.
 LANDAUER, SAMUEL CHARLES..Class....Winnsboro, La.....A. Landauer.
 LEMANN, ISAAC IVAN.....Class....255 Jackson.....B. Lemann...
 LEUCHT, EMILE.....L. & S...224 Carondelet.....Rev. I. L. Leucht.
 LEVI, JULIUS.....Mech....671 Magazine.....I. Levi.
 LEVIS, WALTER CLAUD.....Com....965 Magazine.....A. Levis.
 LOB, EMILE.....Mech....718 Magazine.....Chas. Lob.
 MCGEEHEE, ARTHUR M., JR...L. & S...Fort Adams, Miss....A. M. McGehee.
 MATTHEWS, GEORGE B., JR...L. & S...333 St. AndrewGeo. B. Matthews.
 MAURRAS, SIDNEY LOUIS.....Mech....473 N. ClaiborneH. L. Maurras.
 MOONEY, HENRY.....L. & S...Hammond, La.....H. C. Mooney.
 MORPHY, LOUIS ALBERT.....L. & S...524 BaronneA. E. Morphy.
 MUSSON, GASTONL. & S...125 Esplanade.....Mrs. E. Musson.
 NUNEZ, NEMOURS HENRI.....L. & S...Arabi P. O., La....E. E. Nunez.
 PAYNE, HORTON KENNEDY...Class....Pass Christian, Miss..H. M. Payne.
 PHUL, NOLAN STEWART VON...Mech....169 Annunciation....Mrs. Wm. Von Phul.
 RITSON, EDWARD OGILIVIE...Mech....623 Carondelet.....Jas B. Ritson.
 ROMAN, CHARLES JOSEPH.....Com....224 Esplanade Ave...Mrs. E. Roman.
 ROSEN, LOUIS.....L. & S...Bayou Sara, La.....Mrs. D. Alexander.
 SADLER, FRANCIS WARD.....Class....Algiers, La.....J. A. Sadler.
 SANSUM, OLIVER WENDELL...L. & S...462 Prytania.....O. B. Sansum.
 SCHWARTZ, EDWARD.....L. & S...158 Cléo.....Louis Schwartz.
 SONIAT, ARMAND EDWARD.....Mech....354 Hospital.....J. M. Soniat.
 THIBAUT, PIERRE LEONCE...Class....12 St. Ann.....Jas Thibaut.
 TURNBULL, GEORGE EDWARD..Mech....Houma, La.....Thos. Turnbull.
 VATTER, HENRY HERMANN...Com....220 Third.....F. Vatter.

WADSWORTH, STEWART.....L. & S...440 Prytania.....J. A. C. Wadsworth.
 WALLIS, ROBERT LEE.....Mech....Lafayette, La.....S. R. Wallis.
 WHEAT, GEORGE WARMOTH...L. & S...645 Laurel.....Mrs. G. W. Wheat.
 WIRE, DAVID GOULD, JR.....Mech....Happy Jack, La.....D. G. Wire.
 WOLFE, UDOLPHO, JR.....L. & S...712 St. Charles Ave...U. Wolfe.

SUB-FRESHMAN CLASS.

ADLER, JULIUS.....L. & S...429 Canal.....A. Adler.
 ARMSTRONG, FRANK DUVAL...L. & S...681 Baronne.....Mrs. G. D. Arms'rong.
 BLAFFER, LOUIS ALBERT.....L. & S...927 Camp.....J. A. Blaffer.
 BRADY, EDWIN.....Mech....Waggaman P. O., La..J. S. Brady.
 BRIDEWELL, CHARLES F.....Com....383 Camp.....H. F. Bridewell.
 BRITTON, JOHN DYSON, JR...L. & S...250 Amelia.....John D. Britton.
 BRUNS, JOHN PEIRCE.....Class ...147 St. Charles.....Mrs. M. P. Bruns.
 CAMPBELL, WILLIAM S., JR...L. & S...Johnson City, Tenn. Wm. S. Campbell.
 CONNIFF, JOHN ROBINSON...L. & S...720 Camp.....John H. Conniff.
 DE VERGES, EDWIN.....Class....105 Constance.....Paul De Verges.
 DEMORUELLE, WILLIAM JAS...L. & S...134 Esplanade.....James Demoruelle.
 FORSYTH, DOUGLAS.....Class ...215 Louisiana Ave...H. D. Forsyth.
 GILL, THOMAS MAYNARD, JR..Class349 Carondelet.....T. M. Gill.
 GRANT, CALQUHOUN BULLITT..L. & S...994 St. Charles Ave..Wm. Grant.
 GREENWOOD, HARDY.....L. & S...227 Philip.....Mrs. A. H. Greenwood.
 HARDIE, HENRY MELLON.....L. & S...228 Philip.....John T. Hardie.
 HARRIS, BURWELL BOYKIN...L. & S...Pitt and Lyon.....Mrs. F. V. Harris.
 JONES, ACKLAND HARTLEY...Class ...222 Milan.....Mrs. W. P. Jones.
 KAUFMAN, JOSEPH.....L. & S...205 Philip.....Louis Kaufman.
 KIBBE, M. U. PAYNE.....L. & S...Abbeville, La.....W. G. Kibbe.
 LEIDENHEIMER, JACOB F.....Mech....179 Calliope.....Geo. J. Antz.
 LEVERT, ALBERT OCTAVE...Mech....236 Third.....J. B. Levert.
 LION, LEON ELI.....Com240 Burgundy.....E. Lion.
 MALOCHEE, ALFRED PIERRE...L. & S...51 Esplanade Ave...P. Malochée.
 MARTINEZ, EUGENE DOMINGO..Com971 Magazine.....E. J. Martinez.
 MATHIS, LOUIS JOHN JOSEPH..Mech....1329 St. Charles Ave..Louis Mathis.
 O'DONNELL, ROBERT WM....Class....383 N. Rampart.....L. O'Donnell.
 REED, LYMAN COLEMAN, JR...Class....Camp and Leontine..Prof. L. C. Reed.
 ROSSNER, GEORGE.....L. & S...Gretna, La.....C. W. Rossner.
 SCHAEFER, CUTHBERT.....L. & S...Yazoo City, Miss....E. Schaefer.
 SNIVELY, THEODORE C.....Class ...63 Chestnut.....Rev. W. A. Snively.
 VALLON, PIERRE.....Mech....295 Bourbon.....Leon Vallon.
 VILLAVASO, ERNEST.....L. & S...350 Josephine.....E. Villavaso.
 WATERMAN, CHARLES CATE...L. & S...240 Jackson Ave.....T. S. Waterman.

HIGH SCHOOL ROLL.

Preparatory Class.....	82
Intermediate.....	64
Sub-Freshman	34
Total.....	180

Detailed Statement of Work in the Several Courses.

ENGLISH.

With a complete knowledge of the contents of such elementary books as Abbott's "How to Tell the Parts of Speech" and Reed and Kellogg's "Graded Lessons in English," the student advances carefully in etymology and syntax by methods and text-books approved by the professor in charge, practicing English composition through the whole course of three years. In the Sub-Freshman Class an effort is made to interest the student in the study of the history and correct meaning of the words of our language, and the best lexicons are daily consulted in the class for etymology and definition.

Text-Books are:

PREPARATORY: Patterson's Advanced Grammar; Dalglish's Analysis; Eggleston's United States History, Dictation Exercises.

INTERMEDIATE: Myers's History of Greece; Chittenden's Elements of Composition; Exercises.

SUB-FRESHMAN: Anderson's History of England; Skeat's Dictionary, Abridged; Selections from American Authors; Exercises in Composition.

LATIN.

Latin in the High School is begun in the Preparatory Class in the Classical, and Literary and Scientific courses, and is continued through three years.

PREPARATORY CLASS: Gildersleeve's Latin Primer.

INTERMEDIATE CLASS: Gildersleeve's Latin Primer finished; Gildersleeve's Grammar, Reader; Cæsar; Exercise Book.

SUB-FRESHMAN CLASS: Gildersleeve's Grammar and Reader; Exercise Book continued; Cæsar; Ovid; Keightly's Mythology; Allen's Roman History.

GREEK.

Greek is taught in the Classical Course and is begun in the Intermediate Class.

INTERMEDIATE CLASS: Frost's Greek Primer; Xenophon (one book).

SUB-FRESHMAN CLASS: Hadley and Allen's Grammar; Jones's Greek Prose Composition; Xenophon (three books); Greek History.

MATHEMATICS.

For admission to the Preparatory Class in the High School, applicants are required to be proficient in Arithmetic through Percentage and its applications (242 pages in Nicholson's Complete Arithmetic or an equivalent amount of work in some other book).

PREPARATORY CLASS: Arithmetic completed. Algebra begun.

INTERMEDIATE CLASS: Algebra to Simultaneous Quadratics. Arithmetic reviewed.

SUB-FRESHMAN CLASS: Plane Geometry. Algebra reviewed.

Text-Books:

PREPARATORY CLASS: Wentworth & Hill's Practical Arithmetic. Wentworth's Elements of Algebra.

INTERMEDIATE CLASS: Wentworth's Complete Algebra. Wentworth & Hill's Arithmetic.

SUB-FRESHMAN CLASS: Wentworth's New Plane and Solid Geometry. Wentworth's Complete Algebra.

FRENCH COURSE.

In the Mechanical Course of the High School, French must be taken. Beginning in the Preparatory year it is continued throughout three years.

The object in view is to give the student a thorough practical knowledge of the language, especially in reading and speaking it. For that purpose a good deal of time is devoted to reading standard French works, and for a year and a half nothing but French is used in the class room.

Text-Books:

PREPARATORY CLASS: Chardenal's First French Course; Super's French Reader.

INTERMEDIATE CLASS: "Deuxième Année de Grammeire" (Larive et Fleury); History of France (Anderson); "La Poudre aux Yeux" (Labiche et Martin); "La Belle Nivernaise" (A. Daudet); "Le Cid" (Corneille); Exercises and Dictations; Blouet's Translator.

SUB-FRESHMAN CLASS: Saintsbury's History of French Literature; Blouet's Translator; "Sept Grands Auteurs du Dix-Neuvième Siècle" (A. Fortier); "Horace" (Corneille); "Esther" (Racine); "l'Avare" (Molière); "Hernani" (V. Hugo); Exercises and Dictation.

BOOK-KEEPING AND PENMANSHIP.

Every pupil in the Preparatory Class receives systematic instruction in Penmanship. In the Intermediate Class Book-keeping is taught, from which members of the Classical Course only are excused.

NATURAL SCIENCE.

The object of this course is the study of the elements of Botany and Zoology. Effort is made to train and develop that natural fondness for animals and plants which almost all young persons possess and which they evince at an early period, and to furnish young students, by guidance, every opportunity to observe Nature.

There are three recitations a week, two in Botany and one in Zoology. In addition, students are expected to attend some of the Saturday excursions to the many places of scientific interest made accessible to the Natural Science Classes by the generosity of several of the railroads entering New Orleans.

Text-Books:

Youman's Botany; Morse's First Book of Zoology.

PHYSICS AND CHEMISTRY.

Elementary Physics and Chemistry are taught by text-book and lecture three times a week to the whole Sub-Freshman Class, and are, by means of the valuable aid of the apparatus in the University laboratory, so practically presented as to be not only an adequate preparation for the further prosecution of the subject in the College, but a source of pleasure and usefulness to those whose education will be completed in the High School.

Text-Book: Houston's Elements of Physics.

PHYSIOLOGY AND HYGIENE.

Students of the Sub-Freshman Class will receive instruction twice a week for half a year in this useful and interesting department of knowledge. Proper text-books, charts, the manikin, and the excellent physiological preparations of the University, will furnish sufficient means of illustrating the subject.

MANUAL TRAINING.

As Manual Training is found to be a valuable adjunct to intellectual cultivation, a considerable amount of practice in wood-working is required even in the Classical Course of the High School. In the other courses the manual instruction is carried farther, and includes pattern-making, forging iron and steel, soldering, and brazing. The work proceeds step by step from the easier to more difficult operations, and is calculated to impart a fair degree of skill and a general practical

knowledge of tools, materials, methods, and principles, rather than that nicety of execution which can be acquired only by long, time-consuming practice within a limited range.

The exercises are selected with reference to healthy muscular development, and by a suitable alternation of shop-work with class-room studies, the pupil is enabled to make more real progress in intellectual growth within the school years than can be gained by fatiguing devotion to study alone. The interest of the student is stimulated by keeping in view utility or beauty in the objects constructed. The shop-work manipulation constitutes an excellent preparation for subsequent laboratory practice of all kinds. Or, should the student be obliged to terminate his schooling with a high school course, the manual training will be of great advantage in fitting him for his life-work, whatever occupation he may engage in. Education in which the manual element has a share is particularly suitable for those who are to assist in developing the industrial resources of the country.

DRAWING.

Drawing is considered as a language or mode of expressing ideas, and as, therefore, not less important than linguistic study, on account of its disciplinary as well as its direct practical value. High School pupils are taught more or less of free hand or mechanical drawing and design, according to the needs of the different courses. While the artistic side is not altogether neglected, attention is directed mainly to the industrial aspects of the subject. The exercises consist mostly in drawing directly from the objects, while the pupil is also instructed in the various auxiliary geometrical problems and the conventional devices which facilitate clear expression. The student is expected to observe constantly the relation of the object to the mode of its representation and to become self-directing without wasting time in copying the delineations of others. As the work advances the imagination is cultivated by the consideration of projections and shadows, and by drawing ideal sections, by sketching from memory, and by making original designs.

In the examinations, pupils are questioned on the principles of illustration and are expected to make time sketches of designs.

For the mechanical drawing each one must provide himself with a set of drawing instruments.

CONDITIONS OF ADMISSION.

For admission to the Preparatory Class of the High School, pupils must be twelve years of age, of good moral character, and must be proficient in Reading, Writing, School Geography, Arithmetic through Percentage and its applications, United States History, and in Reed and Kellogg's Graded Lessons in English, or in an equivalent amount of work in some other book.

To enter, or to be promoted to any advanced class in the High School, students must have completed satisfactorily the studies of the classes below, or a full equivalent for them.

EXAMINATIONS.

Entrance Examinations will be held September 29th and 30th.

Two examinations are held yearly in the High School. In order to insure promotion to advanced standing, students must pass both examinations satisfactorily.

Punctuality in attendance is rigidly enforced as a necessary requirement to secure fidelity and impartiality in the examination.

DIPLOMAS.

Students satisfactorily completing any course in the High School will receive Diplomas as Graduates of the High School.

DAILY SESSION.

The daily session begins at 9 A. M., and ends at 4 P. M., with an hour's intermission from 12 M. to 1 P. M.

EXPENSES.

The tuition fee for a session of nine months is \$80, payable in installments of \$20 at the beginning of each quarter session. Bills are presented, therefore, and must be promptly paid, on October 1, December 5, February 10, and April 19.

No deduction is made when a student enters after the beginning, or leaves before the close of a quarter session.

The charge of eighty dollars per annum is uniform for students of the High School, College, and Law Departments.

In the Law Department the annual charge of \$80 is paid at matriculation.

Candidates for the degree of Doctor of Philosophy are exempt from tuition fees.

Students furnish their own books, drawing instruments and drawing utensils, and are required to pay the cost of the apparatus which may be broken or damaged by them in the laboratories, and also any other damages to the University property.

The cost of books averages about \$10 per year.

There are no extra charges.

BOARD AND LODGING.

Students can obtain board and lodging at from \$20 to \$25 per month in approved boarding houses or private families. The University authorities pay particular attention to placing them, according to the wishes of their families, under such religious or social influences as may be indicated. Special arrangements are made, through leading gentlemen, with Roman Catholic, Protestant, and Jewish families of culture, and of American, French, German, or Spanish nationality, to receive our students as boarders. They thus have the direct religious and social influences desired, and the opportunity to obtain a familiar knowledge of the modern language in which they especially wish practice.

LOCATION.

The buildings which belonged to the University of Louisiana and which subsequently became the property of the Tulane University, are large and commodious, on the square bounded by Canal street, Tulane Avenue, University Place, and Baronne street. Of these four buildings, two are occupied respectively by the Academical Departments, one by the Medical College, and the fourth by the Law School and by the State Library.

The Manual Training School is conveniently located in the building corner of Lafayette and Dryades streets, and was purchased by the Administrators of the Tulane Fund for the convenience of this branch of instruction.

The liberal endowment of the H. Sophie Newcomb Memorial College by Mrs. Newcomb, has been recently augmented by her purchase of the beautiful property known as the "Burnside Place," as a permanent location for the College. In many important particulars the property is unexcelled. The grounds cover an entire square, embracing some four

acres, on Washington street, between Chestnut and Coliseum, are convenient of access by several lines of cars and in the midst of choice residences, with the surroundings favorable for school work. The beauty and attractiveness of the property are well known. This generous act of Mrs. Newcomb places the College for women upon a secure foundation with brilliant prospects for the future.

The wisdom of founding seats of learning in centers of population is beyond dispute. The Tulane University of Louisiana is located at the doors of nearly 250,000 people—almost the third of the population of the State; and the rapid increase in the railroad and other transportation facilities to New Orleans is making it every day more and more accessible from all quarters.

Notwithstanding the occasional outbreaks of yellow fever, the last of which occurred in 1878, New Orleans is perhaps the healthiest city of its size in the United States. Epidemics have visited it only at intervals of years, and then only in the summer vacations, and, possibly, in the month of October. They can scarcely interfere, therefore, with the practical working of the University.

ATTENDANCE.

During the session 1889-'90 there were in the different departments of the University the following number of students:

High School	180
University and College.....	88
H. Sophie Newcomb Memorial College.....	165
Free Drawing School.....	384
Law Department.....	49
Medical Department	373
Total.....	1,239

LIBRARIES.

Librarian, WM. O. ROGERS, LL. D.

Assistant Librarians, CHAS. G. GILL, PH. D., MISS MINNIE BELL.

The *Tulane Library* contains valuable scientific and literary publications and is a depository of public documents; constant accessions are made to it through donations and purchase. It already contains about 13,000 volumes, embracing many choice literary and scientific works.

The Medical Section of the Library numbers about 2,600 volumes. This section of the Library is kept in a separate room and is open to members of the medical profession and other authorized persons.

The Scientific Section is constantly receiving accessions of valuable publications, either by purchase, or by exchange of the publications of the New Orleans Academy with the leading scientific bodies of the world. Readers and students in this section have access to the large and very valuable private library of Professor Ordway, which is constantly receiving additions of new books as they are published.

The Literary Section contains the best editions of standard French and English authors, and fine editions of the Latin and Greek Classics.

The collection of public documents has been steadily augmented, and now contains about 5,000 volumes.

The *Fisk Library* contains about 11,000 volumes, and is increased yearly at the rate of about 500 volumes. It contains the best standard works and current literature, including all the leading literary periodicals. The Reading Room of this Library is open to the public from 9 A. M. to 5 P. M., and is largely attended by an intelligent class of readers. Every facility is given to readers for finding the books and information they desire.

The *State Library*, containing 26,000 volumes, is deposited in the Law Building of the University, corner of Tulane Avenue and University Place, and is open daily from 9 A. M. to 3 P. M., and from 4 to 6 P. M.

Students have the use of books free of charge. This Library includes a very valuable collection of Foreign and American Law Books and Law Reports, and of historical and documentary works.

LIBRARY REPORT FROM JUNE 1889, TO JUNE 1890.

The accessions of the University Library during the past year have been as follows:

TULANE LIBRARY.

DONATIONS.		Volumes.
From M. A. Colin.....		14
“ Col. Wm. P. Johnston.....		165
“ Miss Amelia Cammack.....		384
“ Prof. L. C. Reed.....		1
“ Mrs. B. F. Perry.....		2
“ Prof. Geo. Gessner.....		1
“ Mr. W. H. Hale.....		3
“ Dr. Joseph Jones.....		1
“ Prof. J. W. Pearce.....		5
“ Mr. Staub.....		2

TULANE LIBRARY—*Concluded.*

DONATIONS.		Volumes.
From Mr. W. O. Hart.....		1
“ Mr. F. T. Royer.....		3
“ Mr. J. R. Fell.....		4
“ New Orleans Academy of Sciences.		24
“ Royal Society of Canada.....		1
“ Peabody Institute.....		1
“ Director of Pennsylvania Geological Survey.....		9
“ United States Government.....		170
“ Other sources.....		3
		794
By Purchase.....		189
Increase of Tulane Library.....		983

FISK LIBRARY.

DONATIONS.		Volumes.
From Fay Hempstead.....		1
“ Wilbur Larremore		1
“ United States Government.....		7
		9
By Purchase.....		677
		686
Total increase for all Libraries.....		1,669

MUSEUM.

PROFESSOR JOHN W. CALDWELL, A. M., M. D., Curator.

PROFESSOR JOSEPH F. JOOR, M. D., Assistant Curator.

The object of Tulane Museum is to furnish opportunities of illustration and study, both to the classes of the University and to the public at large. To this end the specimens have been grouped in departments, with reference both to scientific order and convenience of examination.

MINERALOGY.—In this department we have a classified series of over 1,500 specimens, representing about 300 species. Also, several local collections, showing rocks, ores, and other minerals from the various States and Territories.

GEOLOGY AND LITHOLOGY.—We have nearly 3,000 classified fossils of all ages, and a set of “Casts of Celebrated Fossils,” nearly 700 in number. We have also a general stratigraphical series, showing the rocks of the various periods, from the Archæan to the Quaternary, and a special series illustrating the geology of New York.

BOTANY.—The general Herbarium contains over 10,000 specimens, representing about 4,000 species, American and European. There are also special collections of Louisiana plants, grasses, and woods.

ZOOLOGY.—All the classes and nearly all the important orders of the animal kingdom are represented by specimens, dry, alcoholic, or stuffed, and about a dozen skeletons. There are also a number of beautiful models illustrating the lower forms of life.

ANTHROPOLOGY.—A small beginning has been made in this department; but already there have been collected many valuable objects.

EDUCATIONAL AND INDUSTRIAL.—In the South Gallery of the Museum is a collection illustrating the work of the Manual Training and Drawing Classes of the University, as well as similar work done elsewhere; while the North Gallery contains a number of the ores, minerals, and stones used in the arts.

The most important addition during the year is a collection of Indian Pottery, Fossils, etc., from Avery's Island, (Petit Anse,) mostly secured by Prof. Joor, through the courtesy of the Avery family, and of the New Iberia Salt Company. To this has been added a large number of similar articles, collected by Mr. E. McElhenny, the Avery family, and the New Iberia Salt Company.

The following have been donated since the publication of the last catalogue:

By Capt. Wm. Bailey, Biloxi, Miss., "Sea Spider," (Astrophyton,) from Honduras.

By Eugene Ratelle, Jr., New Orleans, Flowers of Aristolochia.

By John A. Watkins, Esq., New Orleans, "Crystallized Lead," (Cerussite,) Fossil Egg from South America.

By Maj. B. M. Harrod, New Orleans, Large Coral.

By Dr. G. Devron, New Orleans, Flowers of Passiflora, etc.

By Arthur S. Wheeler, New Orleans, Minerals and Fossils.

By Prof. J. W. Caldwell, New Orleans, Sharks' Teeth and other Fossils.

By Mrs. J. W. Caldwell, New Orleans, Specimens of Colorado Flowers.

By Prof. B. V. B. Dixon, New Orleans, Fungus from Wood.

By Wm. F. Howell, Cincinnati, Ohio, Two Old Coins.

By Charles F. Bridewell, New Orleans, Iron, Ore, Flux, Slag, etc., from Birmingham, Ala.

By Prof. J. M. Ordway, New Orleans, Ancient Roman Lamp. Botanical Specimens from the Alps.

By P. A. Thibaut, New Orleans, Betel Cigarette from India.

By Dr. Joseph Albrecht, New Orleans, Large American Scorpion.

By G. C. Boudousquie, Indian Pottery.

By New Iberia Salt Company, through Messrs. Hausman, McCalla, and Hamilton, Box of Salt Crystals (fine), Quaternary Fossils, Indian Pottery and Arrow-head.

By Miss Sarah B. Holt, Woodville, Miss., Pot from Woodville Clay.

By T. W. Vaughan, Mt. Lebanon, La., Fossil Shells, Marls, etc.

By Robert Morris, Esq., New Orleans, Large Horseshoe Crab.

By Leon Drouet, Jr., New Orleans, Stuffed and Mounted Bird, Three Birds' Nests.

By Prof. Robert Sharp, New Orleans, Flint Arrow-head.

By E. McElhenny, Esq., Avery, La., Large and Valuable Collection of Fossils, (Mastodon, Giant Sloth, Etc.)

By Hon. John M. Avery and Capt. Dudley Avery, Avery, La. Fossils.

By Henry Dansereau, New Orleans, Confederate Bill, Chinese Coin.

By Prof. A. L. Metz, New Orleans, Wax Models of Fungi, Botanical Specimens from Europe.

By Mr. Otis Atherton, Continental-Money Medals, and Old Coins.

ART MUSEUM.

PROFESSOR WILLIAM WOODWARD, ART DIRECTOR.

LINTON-SURGET HALL.

The Art Museum embraces many valuable objects donated or loaned to the University, in response to the efforts of the administrators to establish a center for the encouragement of fine arts in the city of New Orleans. The present exhibit contains :

First—The very valuable collection of paintings, engravings, statuary, bric-a-brac, and other *objets d'art*, with about two thousand volumes of well-selected books, donated by the late Mrs. Eustace Surget, of Bordeaux, France, to the city of New Orleans, and by an ordinance of the city placed under the care of the administrators of Tulane University.

Second—Two of Crawford's Statues of Dancing Boy and Girl, and portraits of American Presidents and Statesmen.

Third—The loan collection of Mrs. J. L. Harris, embracing engravings, oil paintings, water-colors, bronzes, etc.

Fourth—A marble group, by J. Randolph Rogers, donated by Mrs. Virginia C. Montgomery, of New York City, widow of Mr. R. W. Montgomery, formerly of New Orleans, to Tulane University, as a memorial of her husband.

Fifth—The choice collection of marbles and bronzes, formerly belonging to Dr. Mercer, and loaned to the University by the heirs.

Sixth—Paintings donated by the late Southern Art Union of New Orleans.

Seventh—A miscellaneous collection of paintings and other works of art, including a historical portrait of Paul Tulane donating his endowment of Tulane University to the Hon. Randall L. Gibson, President of the Board of Administrators.

Eighth—A valuable historical portrait of Ex-Governor Henry Johnson, of Louisiana, loaned by the owner, Miss J. Gales, of Washington, D. C.

Ninth—A recent donation by Messrs. Radtke, Lauckner & Co., East 18th street, New York, of the following artist-proof etchings :

Rentree de Pêche, by F. N. A. Feyen Perrin.

Jeunes Filles Allant à la Fontaine, by Jean Benner.

Les Lavandières, by J. F. Millet.

Le Lac d'Arandon, by A. Appian.

L'Ile de Bouin, by Emile Vernier.

Pomona, by Frederick Dielman.

Still further to contribute to the fostering of art in this city, a hall well lighted and conveniently arranged has been devoted by the administrators of the University to the exhibition of works of art by artists of New Orleans. Here may be seen some of the best productions of local artists, the exhibits being changed from time to time as the artists may desire.

There are two exhibitions each year of the art work done in Tulane University. These exhibits embrace the work of the students of Tulane College, Tulane High School, the H. Sophie Newcomb Memorial College, Free Drawing Classes, Art Pottery Club, Art League, "Five or More" Club, and the art collections of the University. The Art League and the clubs named are the outgrowth of work done in the Free Drawing Classes.

These exhibitions will also embrace the work of the local artists of New Orleans who may desire to avail themselves of the opportunity.

UNIVERSITY LECTURES.

The following public lectures were given during last session:

I. A connected series of lectures on the Historical Development of the Drama, viz.:

Three lectures by Prof. John R. Ficklen, of Tulane University, on the History of the Early Drama in England:

Mysteries and Miracle Plays.

John Lyly and Euphuism.

Rise of Romantic Drama.

Two lectures by Professor Alcée Fortier, of Tulane University, on The History of the Serious Drama in France.

The History of the Comic Drama in France.

Seven lectures by President Wm. Preston Johnston, on Shakespeare:

How to Study Shakespeare.

Macbeth.

The Significance of Hamlet.

The Authorship of Hamlet.

The Evolution of Hamlet.

The Plot of Hamlet.

The Prototype of Hamlet.

II. A course of six lectures by Dr. Henry Dickson Bruns, on Sight, or What We See, How We See, and Why We See.

III. Four lectures by Rev. Wm. R. Alger, D. D.:

The Lessons of the Life and Character of George Washington.

The Place and Power of Personality in Dramatic and Oratoric Art.

The Variety in Literary and Elocutionary Expression.

The Origin, Essence, and Influence of Chivalry.

FREE DRAWING SCHOOL.

CORPS OF TEACHERS:

PROFESSOR WM. WOODWARD.

PROFESSOR ELLSWORTH WOODWARD.

ASSISTANT PROFESSOR A. F. DELBERT

INSTRUCTORS—GERTRUDE ROBERTS, ALLISON OWEN.

The Free Drawing School of Tulane University has now completed the sixth year of its work. It is believed that its success has justified its establishment. While it has been somewhat apart from the strict line of University work, the immense benefits it has conferred upon the general public in the elevation of popular intelligence, and in the special training of individuals in both practical and æsthetic matters, in industrial drawing and the fine arts, can not be overlooked. More than 3,000 pupils appear upon its rolls, and, allowing for double counting, more than 2,000 different persons have received gratuitous instruction in these classes. So far no one has been denied admission to the classes who came within the definition of bread-winner, and indeed the only restriction placed upon entrance has been immaturity in age, or incompatible duties. In addition to the fundamental instruction in Drawing, higher grades of work have been pursued in Mechanical and Architectural Drawing, Drawing from Nature, Free Hand Drawing, Drawing from Casts and Design.

The following is the report of the Classes for 1889-'90:

SATURDAY CLASSES FOR WOMEN.

Drawing, Advanced Perspective.....	35
Drawing, Elementary Perspective.....	78
School Methods.....	20
Mechanical Drawing, Elementary.....	8
Advanced Design.....	7
Elementary Design.....	43

191

EVENING CLASSES FOR MEN.

Post Graduate	1
Free Hand, Senior.....	8
Free Hand, Junior.....	6
Free Hand, Elementary.....	12
Mechanical, Senior.....	3
Mechanical, Junior.....	13
Mechanical, Elementary.....	13
Architectural Drawing, Junior 8, Senior 6.....	14
Preparatory Class.....	104
Class in Design.....	10
	193
Total admissions for session 1889-'90.....	384
Total admissions for five annual sessions.....	3,279
Total number of students finishing their classes.....	1,115

The Free Drawing School will hold its next session at the Tulane Manual Training School, from November 1, 1890, till May 16, 1891. four nights in the week and on Saturdays. There are night classes for men and youths employed during the day with their regular work. trades, or business. Each of these classes will meet two evenings in the week and will be occupied from 7:30 to 9 o'clock P. M.

Beginners enter the Preparatory Class, in which both free hand and mechanical drawing are taught. Having completed the work of this Class, the students may choose between the Free Hand and Mechanical Drawing courses or may attend both.

THE MECHANICAL COURSE

is intended to aid mechanics who are striving to improve in their work. It has three Classes, Elementary, Junior, and Senior. Students of those Classes have gratefully acknowledged the benefits of their instruction, as evinced in larger views, better wages, and new avenues to employment.

Students who have finished the Elementary Mechanical Class in Drawing may enter the Architectural Course, which embraces two years, Junior and Senior.

Some of the students of these classes have obtained remunerative positions as draughtsmen or as teachers in good institutions, the result of their success in these classes.

FREE HAND COURSE.

This course has three classes, Elementary, Junior, and Senior. Students who have completed the Preparatory Class may enter the Elementary Free Hand Class, if they so select. In this course the elements of perspective and shading, practice from casts and natural objects, and

the anatomy of the human figure are studied, and much attention is given to the careful study of form in general and the human form in particular. The history of the leading styles of ornament is also pursued.

This course thus prepares students for illustrators and designers, and lays a foundation for future art studies.

The Senior Free Hand Class devotes its attention mainly to the analysis of the human form; and the skeleton, muscles, etc., are drawn so as to give a classic rendering of the figure in repose and action. Modeling the various parts in clay is also employed as a valuable aid for the artist or figure designer, and as tending to develop a latent taste for sculpture.

SATURDAY CLASSES.

These classes have been largely attended by both women and men, chiefly by women. They were at first intended principally to aid the teachers of the public schools, but their scope has enlarged, and they now lead both to the Fine Arts and to the practical uses of the Industrial Arts.

It is intended in these classes to lay a solid foundation for both the Fine and Industrial Arts, by correct instruction and practice in Drawing and the immediate cognate arts resting on Design, Color, and Ornament.

The Course of instruction follows that pursued in Boston, and one of the classes has heretofore been included among the required studies of the Normal School of this city.

Students may enter the Elementary Perspective, Elementary Design, Elementary Mechanical, or School Methods, or may attend two of these classes if they desire.

A two years course is offered in any of the above classes with the exception of that of School Methods. The advanced, or second year classes continue the studies indicated by the name of the class.

The Class in School Methods is intended principally for teachers, and studies Drawing as a branch of school education. It aims at a symmetrical course, based upon the best practice of Normal Schools.

H. SOPHIE NEWCOMB MEMORIAL COLLEGE.

FACULTY, 1889-'90.

BRANDT V. B. DIXON, A. M.,
President, and Professor of Mental Science.

JOHN M. ORDWAY, A. M.,
Professor of Biology.

EVELYN W. ORDWAY, B. S.,
Professor of Chemistry and Physics.

ULRIC BETTISON,
Professor of Mathematics.

GEORGE GESSNER, A. M.,
Professor of Greek.

JENNIE C. NIXON,
Professor of English and Rhetoric.

J. HANNO DEILER,
Professor of German.

L. G. EDWARDS,
Professor of Latin.

MARIE J. AUGUSTIN,
Professor of French.

FACULTY 1889-'90—*Concluded.*

ELLSWORTH WOODWARD,

Professor of Drawing and Painting, and Director of Art Instruction.

GERTRUDE ROBERTS,

Associate Professor of Drawing and Painting.

EMMA S ROSSNER,

Principal of Preparatory Classes.

J. C. LOGAN,

Teacher of English.

FLORIAN SCHAFFTER,

Director of Vocal Music.

MATTIE M. AUSTIN,

Secretary.

STUDENTS, 1889-'90.

SENIOR CLASS.

NETTIE S. BYRNE.....	1465 St. Charles.
PENELOPE CHAFFE.....	978 St. Charles.
LIZZIE H. FORMAN.....	1544 St. Charles.
ADELINE ISRAEL ..	Donaldsonville, La.
HELENE LEUCHT *.....	224 Carondelet.
MAGGIE G. POWERS.....	301 Liberty.
ADDIE SPENCER	Baton Rouge, La.
FANNIE A. WILSON.....	Houston, Texas.
JESSIE E. WRIGHT.....	250 Washington.

JUNIOR CLASS.

LUCIA BALLARD *	267 Josephine.
SARAH L. BARNES.....	165 Erato.
HENRIETTA CUMMINGS.....	103 Prytania.
HELEN DEGRANGE.....	119 Prytania.
JOSEPHINE DIMITRY	148 Annunciation.
MABEL DWYER.....	1449 St. Charles.
FLORENCE DYMOND	Chestnut and Fourth.
GRACE GARDNER *.....	240 Prytania.
GRACE LIVINGSTON GARDNER *.....	366 Esplanade.
FANNIE L. HOWE	216 Second.
BESSIE HURT	266 St. Charles.
STELLA C. IVY	Ferdinand and Chestnut.
LIZZIE S. LOGAN*.....	241 Prytania.
MARY McMILLAN.....	207 Prytania.
LOTTIE MITCHELL	240 Louisiana.
KATE MONTGOMERY *	702 St. Charles.
VIRGINIA NICHOLLS	320 Josephine.
MARY ELLA TURNER *	469 Carondelet.
ANNA E. WATTS *	Alexandria, La.
LOUISE WOESTE *.....	Prytania and Third.

SOPHOMORE CLASS.

LAURA BACHMAN.....	168 Philip.
SOPHIE BACHMAN	168 Philip.
MINERVA BUCHANAN	1124 Camp.
ELLA B. ERNEST.	86 Eleanor.
EDITH HOEY *.....	469 Camp.
MARY GILMORE	160 Delord.
LETITIA MARSHALL.....	Vicksburg, Miss.
JENNIE T. MULLAN *	Berlin and Pitt.
JULIA SANSUM *	462 Prytania.
CORINNE SOUCHON *	291 North Rampart.
ELIZABETH WHITE *	74 Esplanade.

FRESHMAN CLASS.

OCTAVIE BAILEY.....	Lafayette, La.
MAGGIE BEASLEY.....	Napoleonville, La.
MAGGIE BETTISON.....	191 Robin.
ALICE BOARMAN.....	451 Magazine.
FANNIE BRADFORD	228 Philip.
MAUD CAMPBELL.....	334 Second.
ROSAMOND CLEBBURN.....	148 Second.
BELLA COLEMAN.....	1281 St. Charles.

* Special course of study.

ANNA P. COYLE.....	283 St. Marys.
JOSEPHINE CRAIG	242 Philip.
OLLIE ELLIS	2 Pitt.
MARY L. EVANS.....	Hurst street.
ETHEL FORMAN	1544 St. Charles.
ROSA L. FRANZ.....	355 Elysian Fields.
EMMA FRERE.....	Franklin, La.
ALICE GALLEHER *.....	657 Carondelet.
ELIZA G. HARRAL	Aicola, La.
ELIZABETH HENDERSON	230 Prytania.
BELLA ISRAEL.....	Donaldsonville, La.
RUTH LEEDS *.....	41 Coliseum.
ETHEL PERKINS.....	135 Delachaise.
MARTHA RICHMOND	175 Fourth.
HATTIE WEIL.....	Alexandria, La.

SPECIAL LITERARY STUDENTS.

MARY BALLARD	267 Josephine.
MARY C. BARR.....	Camp and First.
CLARA DEUGNOT	123 Esplanade.
NELLIE BOOKER.....	Louisville, Ky.
JENNIE CHAPSKY	190 Terpsichore.
ALICE DOSWELL.....	121 St. Charles.
ELLEN EUSTIS	230 Jackson.
FANNIE GREENWOOD	Forsyth, Ga.
SALLIE F. HENDERSON.....	230 Prytania.
BESSIE HOWE	216 Second.
MARY JONES	156 Washington.
SUSIE JONES.....	156 Washington.
SARAH LEHMAN	262 Camp.
HATTIE S. MASON.....	313 Josephine.
MARY B. MCCARTNEY.....	425 Royal.
SUE MULLER	297 First.
HATTIE NICHOLLS	320 Josephine.
ANNA SPELLMAN.....	126 Esplanade.
MARY C. SPENCER	Baton Rouge, La.
GRACE G. WOELPER	Boston, Mass.
LILLIE WOGAN	260 Prieur.

SPECIAL ART STUDENTS.

ALICE BORDE.....	252 Canal.
KATIE BUCKNER	Coliseum and Third.
JENNIE DAY	244 Prytania.
EMMA M. DRYSDALE	171 Ninth.
CLARA KING DYER	266 St. Charles.
MARY G. DYER.....	266 St. Charles.
HELEN DYMOND	Fourth and Chestnut.
MRS. J. FICKLEN	262 St. Charles.
MRS. CARRIE FULTON.....	1500 St. Charles.
FINETTE GERARD	288 Treme.
MATTIE HARRIS	Staunton, Va.
MRS. C. C. HAWTHORNE.....	183 St. Charles.
LILLIE H. HINCKS	252 Burgundy.
MILLIE HUGHES	Nachitoches, La.
JANE JAMISON	248 Baronne.
LEW JOHNSON	85 Erato.
MARGARET JOHNSTON.....	199 Prytania.
FANNIE JONES	156 Washington.
NINA A. KING	530 Baronne.
MILDRED LEE	Lexington, Va.
LENA R. LEEDS.....	41 Coliseum.

* Special course of study.

ANNETTE MCCONNELL.....	481 St. Charles.
MRS. F. B. McDOWELL.....	Charlotte, N. C.
ADDIE MCKNIGHT.....	State and Constance.
MRS. H. M. NEILL.....	297 Jackson.
ZOE OGDON.....	Prytania and Fourth.
EMILY W. ROBINSON.....	Boston, Mass.
DESIREE ROMAN.....	224 Esplanade,
MEDORA ROSS.....	128 Esplanade.
CORALIE SCHUBERT.....	241 Rousseau.
PAULINE TOBY.....	1 Urania.
GERTRUDE VAN DER WEYDE.....	Montevideo, S. A.
IRENE VON COLLEN.....	20 Conery.
KATIE R. WALKER.....	Pass Christian, Miss.
MRS. W. E. WARD.....	Nashville, Tenn.
MRS. J. D. WARDLAW.....	163 Robin.
MRS. M. K. WILKINSON.....	75 Dublin, Carrollton.
MRS. ELLSWORTH WOODWARD.....	268 St. Charles.
MRS. WM. WOODWARD.....	433 Baronne.

PREPARATORY CLASSES.

BLANCHE ADLER.....	429 Canal.
MATHILDE ADLER.....	429 Canal.
ALLIE ALLINGHAM.....	Algiers, La.
JESSIE BARCLAY.....	Algiers, La.
VIRA BOARMAN.....	451 Magazine.
COURTNEY CHILTON.....	Chotard, Miss.
MYRTINA DICKINSON.....	116 Grand Route St. John.
JESSIE DE WOLF.....	165 Fourth.
CHARLOTTE ELLIOTT.....	Prytania and First.
BLANCHE EVERTS.....	469 Prytania.
ESTHER FINLAY.....	189 Julia.
LOTTIE GALLEHER.....	657 Carondelet.
OPHELIA GUMBEL.....	284 Prytania.
BETTIE HAAS.....	450 Baronne.
CLARISSE HAILE.....	198 Peters.
LEILA HARDIE.....	228 Phillip.
CAMELIA HERNSHEIM.....	963 St. Charles.
MARY HORY.....	469 Camp.
AVA HOLMES.....	279 St. Andrew.
HATTIE JOOR.....	939 Laurel.
HELEN KATZ.....	709 Magazine.
ANNIE LANIER.....	349 St. Charles.
OCTAVIE LAZARD.....	415 St. Charles.
IRMA LEUCHT.....	224 Carondelet.
CLARA LEVY.....	458 Baronne.
EDITH LEVY.....	509 Magazine.
MABEL LYMAN.....	121 Carrollton.
AMELIE MAYER.....	45 Chartres.
FLORENCE MENDELSON.....	386 St. Charles.
AMELIA NEUGASS.....	412 St. Charles.
ELIZABETH G. NICHOLLS.....	320 Josephine.
DORA OPITZ.....	344 Bienville.
MATTIE PUGH.....	Donaldsonville, La.
CARRIE RICHARDSON.....	374 Prytania.
CORA SCHRIEVER.....	105 Prytania.
STELLA SEEBOLD.....	462 Canal.
CORINNE S. TEBAUT.....	7 North, Lafayette Square
MABEL TROUSDALE.....	218 Milan.
IRENE K. TYLER.....	180 Washington.
ETHEL WALKER.....	390 1/2 Baronne.
REBECCA WARD.....	Nashville, Tenn.
HELEN M. WRIGHT.....	250 Washington.

H. SOPHIE NEWCOMB MEMORIAL COLLEGE.

NEW ORLEANS, LOUISIANA.

The H. Sophie Newcomb Memorial College is devoted to the higher education of young women. It was founded in 1886, by Mrs. Josephine Louise Newcomb, as a memorial to her daughter. In pursuance of the design of its founder, it has adopted a system of instruction which is believed to be liberal and thorough.

The location in the City of New Orleans is an advantageous one, on account of its accessibility from all parts of the South, the educational facilities to be enjoyed in its libraries and museums, and the mildness of its climate throughout the college year. Erroneous impressions concerning the healthfulness of this city are gradually being corrected, and each succeeding season brings from the North and East a larger number of winter residents. A comparison of medical records discloses the fact that the health of New Orleans is not surpassed by any other large city in the United States; it has had only two epidemics of yellow fever in the past thirty years, both occurring in the vacation months; and the experience of the past twelve years has demonstrated that this disease can be effectually excluded.

The climate of New Orleans offers peculiar inducements to those who find it difficult to endure the severe and changeable weather of the northern states. By reason of its position, which is practically insular, the city is protected alike from the extremes of cold and heat that occur throughout the greater part of the Mississippi and Ohio valleys; a freezing temperature is seldom reached in winter, and the heats of summer are tempered by the constant gulf breezes; life in the open air is pleasant throughout the college year; and the students enjoy an immunity from colds and many pulmonary and nervous ailments which are caused or aggravated by the severity of northern winters.

LOCATION.

The college buildings occupy a large square, several acres in extent, on Washington avenue, Camp, Chestnut, and Sixth streets, in the choice residence section of the city. This site, recently secured to the institution by a new donation from its generous founder, is in every respect admirable. For beauty of situation and surroundings, it is

unsurpassed in the city. Its extensive grounds, shaded by numerous live oaks, palms, and other trees and shrubbery, afford ample opportunity for open air recreation.

The main college building will be completed in time for the opening of the next session. Besides the various class and study rooms, it will contain a chapel, a memorial room, a library, a large assembly room and lecture hall capable of seating an audience of 700 or 800, and numerous art studios. The physical, chemical, and biological laboratories, are placed in a separate building.

ADMISSION OF STUDENTS.

For admission to the Freshman Class a satisfactory preparation in the following subjects is required of all applicants:

General Arithmetic, including a knowledge of the metric system. Algebra, through quadratic equations.

Plane Geometry, two books of Wentworth or Chauvenet, or their equivalent.

English Grammar and Analysis.

Elements of Rhetoric, as given in Hart's Composition and Rhetoric, or D. P. Hill's Rhetoric, or equivalent. It is also very desirable and strongly recommended that all applicants should possess some familiarity with the elements of English and American literature, and should have carefully read or studied a few of the best works of standard authors.

Geography, political, and physical.

United States History.

General History, as given in Meyer's General History, or its equivalent.

Elements of Physiology.

For admission to the different courses of study the following additional requirements are made:

MODERN LANGUAGE COURSE.

French, a full two years course. The applicant should be able to translate at sight easy English prose into French, and should possess such familiarity with the French grammar and vocabulary as to be able to follow without difficulty all the class instruction and examinations, which are to be conducted entirely in French.

Instead of French, a like preparation in German will be accepted.

After the year closing June, 1891, for admission in full standing to this course, German will be required in addition to French, and the amount so required will be increased from year to year, until a full two years preparation is reached.

SCIENTIFIC COURSE.

Latin, Grammar and Reader, and three books of Cæsar, De Bello Gallico.

[The Roman method of pronunciation is used.]

French or German, as in the Modern Language Course.

CLASSICAL COURSE.

Latin, as in the Scientific Course.

Greek, Frost's Greek Primer, or its equivalent.

[Continental method of pronunciation is used.]

It is recommended that the applicant be prepared in French or German as in the Scientific Course.

Owing to the fact that less than the usual amount of Latin and Greek is required for admission effort is made to secure, in the college course, the fullest possible results in these languages. It is expected that the requirements for admission to the Classical and Scientific Courses will be increased as rapidly as prevailing conditions will permit and until they are identical with those of colleges of the first grade elsewhere.

PREPARATORY CLASSES.

For the purpose of affording to those who may wish or need a preliminary course of study specially designed as a preparation for collegiate work, it has been found desirable to establish academic or preparatory classes. For admission to these the student should be at least thirteen years of age, and qualified to begin the study of Algebra, Latin, or a modern language, General History and Physical Geography. Attention is directed to the need of a thorough previous preparation in Arithmetic, through percentage; English Grammar, Geography, and the outlines of United States History.

The studies pursued by the preparatory classes are to be as follows:

Advanced Arithmetic, Algebra, Inventional Geometry, Plane Geometry.

Advanced Grammar, and Elements of Rhetoric.

Physical Geography; Elements of Physiology.

United States History; Outlines of the World's History.

Industrial Drawing.

Latin, Greek, French, and German, as may be needed for the college course desired.

COLLEGE COURSES OF STUDY.

Students of the college may select any one of the three courses of study, the Classical, Scientific, or Modern Languages, each of which presents a well rounded curriculum, and leads to the degree of Bachelor of Arts.

The satisfactory completion of special or optional studies will be rewarded with a special certificate, setting forth the amount of work accomplished.

On examination of these courses of study, it will be noticed that special prominence has been given to the study of art, which is required in certain amount of all students not signally disqualified. No extra charge is made for this study, and it may be continued as far and in as many directions as the time and inclination of the student and the judgment of the faculty may permit. These opportunities are offered in the conviction that the advantages to be derived are of the highest value in the cultivation of correct taste, at the same time that it offers desirable relaxation from the more exacting work of the class room.

No idea can be more mistaken than that art education has for its object the preparation of the student for the vocation of an artist. Its successful pursuit does not, therefore, depend upon special talent any more than in the case of mathematics or the languages; but, like them, is designed to develop and strengthen faculties which otherwise might not be discovered. Simply stated, the study of art has a twofold purpose. On the one side it trains the eye and hand and develops the sense of mastery over material; on the other it cultivates an intelligent appreciation of the beautiful through the study and imitation of masterpieces of art, and in original design. Attention is here called to the Normal Art Course, which is believed to offer advantages of opportunity and instruction unequalled in the south, and unsurpassed in the United States.

H. SOPHIE NEWCOMB MEMORIAL COLLEGE.

NEWCOMB COLLEGE COURSES.

CLASS.	CLASSICAL.	Lessons per Week.	SCIENTIFIC.	Lessons per Week.	MODERN LANGUAGES.	Lessons per Week.
FRESHMAN.	Latin.....	4	Latin.....	4	Latin (optional).....	4
	Greek.....	4	Biology.....	3	English.....	3
	English.....	3	English.....	3	Geometry.....	4
	Geometry.....	4	Geometry.....	4	Ancient History.....	3
	Ancient History.....	3	Ancient History.....	3	Industrial Drawing.....	3
	Industrial Drawing.....	3	Industrial Drawing.....	3	French.....	3
	French or German.....	3	French or German.....	3	German.....	3
	Latin.....	4	Latin.....	4	Latin (optional).....	4
	Greek.....	4	English Literature.....	3	English Literature.....	3
	English Literature.....	3	Higher Algebra and Trigonometry.....	4	Higher Algebra and Trigonometry.....	4
SOPHOMORE.	Higher Algebra and Trigonometry.....	4	Physical Laboratory.....	6	Medieval History.....	3
	Medieval History.....	3	Drawing and Design.....	3	Drawing and Design.....	3
	Drawing and Design (optional).....	3	French or German.....	3	French.....	3
	French or German.....	3	Latin.....	4	German.....	3
	Latin.....	4	English Literature.....	3	Latin (optional).....	4
	Greek.....	4	Higher Algebra and Trigonometry.....	4	Standard English Authors.....	3
	Standard English Authors.....	3	Analytical Geometry.....	4	Physics.....	3
	Physics.....	3	Psychology.....	3	Psychology.....	3
	Psychology.....	3	Decorative Art.....	3	Art (optional).....	3
	Art (optional).....	3	German or French.....	3	French.....	3
JUNIOR.	French or German.....	3	Latin (optional).....	4	German.....	3
	Latin.....	4	Chemical Laboratory.....	6	Latin (optional).....	4
	Greek.....	4	Analytical Geometry.....	4	English.....	4
	Standard English Authors.....	3	Psychology.....	3	Constitutional History.....	3
	Physics.....	3	Decorative Art.....	3	Chemistry.....	3
	Psychology.....	3	German or French.....	3	Ethics.....	3
	Art (optional).....	3	Latin (optional).....	4	French.....	3
	French or German.....	3	Differential and Integral Calculus.....	3	German.....	3
	Latin.....	4	Chemical Laboratory.....	6	Latin (optional).....	4
	Greek.....	4	Astronomy.....	2	English.....	4
SENIOR.	English.....	3	Geology.....	2	Constitutional History.....	3
	Constitutional History.....	3	Ethics.....	3	Chemistry.....	3
	Chemistry.....	3	Art (optional).....	3	Ethics.....	3
	Ethics.....	3	German or French.....	3	French.....	3
	French or German.....	3	Latin (optional).....	4	German.....	3
	Latin.....	4	Differential and Integral Calculus.....	3	Latin (optional).....	4
	Greek.....	4	Chemical Laboratory.....	6	English.....	4
	English.....	3	Astronomy.....	2	Constitutional History.....	3
	Constitutional History.....	3	Geology.....	2	Chemistry.....	3
	Chemistry.....	3	Ethics.....	3	Ethics.....	3

SPECIAL STUDENTS.

Although students are strongly urged to take one of the regular courses, it may nevertheless occur that, for various reasons, some will decide to pursue a partial course, or confine their work to a single branch. For such special students provision will be made, and each one who shall complete with credit the work prescribed in any study shall be entitled to a certificate of excellence. These special courses will be of value to those who intend to prepare themselves for teaching some particular branch, or those who, having completed their school or college career, nevertheless are unwilling to abandon further intellectual pursuits, and desire to devote a part of their time to the prosecution of some favorite study. In addition to the special courses in Language, Chemical and Physical Laboratory and Art, Lecture Courses in French and English Literature, in History, and in Psychology will be given during the second and third quarters of the coming session.

DETAILED STATEMENT OF WORK PROPOSED IN THE VARIOUS COURSES.

MATHEMATICS.—*Freshman Year*—Wentworth's Geometry completed.

Sophomore Year—Wentworth's Algebra, and Trigonometry, completed.

Junior Year—Analytical Geometry.

Senior Year—Differential and Integral Calculus, and Astronomy.

ENGLISH.—*Freshman Year*—Genung's Practical Rhetoric with Rhetorical Analysis. Lectures on American authors. Recitations of selections from American authors. Eight essays on miscellaneous subjects required during the year.

Sophomore Year—English Literature; text-book, Development of English Literature and Language, by A. H. Welsh. Analytical study of specimens, criticisms and abstracts. Twelve essays during the year.

Junior Year—Development of Literature continued, with principles of criticism, and supplementary study of sixteenth and seventeenth century authors from originals. Ten essays during the year, one each on Epic, Lyric, and Dramatic Poetry, History, Biography. Essay, Modern Novel, and three studies in Literature.

Senior Year.—Dramatic Studies from Shakspeare, Ben Jonson, Massinger, Milton's Comus. and Lycidas, the Caroline Lyrists, Dramatists of the Eighteenth Century; with selections from Ruskin,

Matthew Arnold, Geo. Elliott; from Keats, Shelley, Tennyson, the two Brownings, William Morris, and the Dramas of Swinburne.

Four Essays, Historical and Literary Monographs; Four Discussions upon Topics of the Times.

Anglo-Saxon Grammar and Reader with Selections from Beowulf.

HISTORY.—*Freshman Year*—Meyer's Eastern Nations and Greece.

Sophomore Year—Allen's History of Rome.

Junior Year—Meyer's Mediæval and Modern History.

Senior Year—Modern History (continued) with topical study, and original research.

BIOLOGY.—The subject of biology, zoölogy, and botany, is taught by lectures, topical readings, and laboratory exercises. As far as possible the living organisms are made the direct object of study. The laboratory is furnished with microscopes and other needful appliances.

GEOLOGY AND MINERALOGY.—These subjects will be studied in the scientific course throughout the senior year. The studies will be conducted by text-book, lectures, and illustrations. The excellent collection of fossils and minerals contained in the university museum will be freely used.

PHYSICS AND CHEMISTRY.—In Physics, class room exercises, amply illustrated by experiments, are supplemented by laboratory work, to cultivate habits of accuracy by means of quantitative determinations.

In the chemical department much prominence is given to laboratory work. The well-equipped laboratory has accommodations for forty-eight students, and a table being assigned to each that she may conduct experiments and record observations separately. By this means students gain an intimate acquaintance with the elementary substances and the synthesis of the more simple combinations.

A course in Qualitative Analysis is followed in the second year by a course in Quantitative Analysis: both gravimetric and volumetric methods are employed. The course includes the study and practice of Blowpipe Analysis.

Attention is also given to the application of Chemistry in the household and the more important industrial operations, the aim being to render the instruction given practical as well as technical in character.

No extra charge is made for chemicals or use of apparatus. Students will be expected to pay for breakage, or to replace apparatus broken by them.

ART IN COLLEGE COURSES.—*Freshman Year*—Constructive and Geometrical Drawing; Free-hand Perspective; Elements of Design—Study of Plant Forms.

Sophomore Year—Drawing from Casts and Models. Projection of Solids and Shadows; Decorative Design; Mechanical Perspective.

Junior Year—Mechanical Perspective; Shadows and Reflections. Decorative Design; Cast Drawing; Sketching; Drawing from Life; History of Art.

[For optional study in art see NORMAL ART COURSE.]

FRENCH.—Students in the Science and Modern Language Courses, on admission to the Freshman Class, are expected to read French readily and to understand the spoken language sufficiently well to profit by the class instruction, which will be given entirely in French.

Freshman Year—Larive et Fleury, Première Année de Grammaire; Super's French Reader; Special Study of French Idioms, Conversation, and Memorizing of selected extracts from modern authors.

Sophomore Year—Larive et Fleury, Seconde Année de Grammaire; Lavissee, Histoire de France, seconde année; Reading, selections from best authors; Dictations; Conversation. Careful attention is paid to the study of syntax. Selections in poetry and prose are memorized for the purpose of familiarizing the student with the idioms and beauties of the language.

Junior Year—Larive et Fleury, Troisième Année de Grammaire; Ricard, Manuel de la Littérature Française; Pinard; Histoire de France (cours complet); Lectures des Classiques; Dictation and Conversation. Short essays on historical and abstract subjects, once a week.

Senior Year—Les Ecrivains Modernes de la France, par Bonnefon; Pelliessier, Principe de Rhétorique Française; Reading, Alfred de Musset, Victor Hugo, François Coppée, etc., essays on literary subjects.

GERMAN COURSE.—*First Year*—First half of Eysenbach's Grammar, including the Irregular Verbs; Translation; Narrative Prose; Conversation.

Second Year—Grammar completed; Translation; Conversation; Selections from various authors; Geography and Political History of the German Empire.

Third Year—Scientific Grammar (Whitney's); Conversation; Declamation; Translation; Selected Classical Plays; History of German Literature.

Fourth Year—Review of Grammar; Conversation; Composition; History of the German Language; German Mythology.

Lectures (in German) on and Selections from the principal authors of the Middle High German as well as of the New High German

Period. Selected Classical Works. (These selections to be changed each year.)

Dictionary: Whitney's.

LATIN.—*Freshman Year*—Cicero, four Orations; 1st and 2d against Cataline; 3d, the Manilian Law; 4th, the Poet Archias.

Virgil, *Æneid*, 1st and 2d books.

Sophomore Year—Virgil *Æneid*, 3d, 5th, and 6th books; Livy, 21st and 22d books; Horace, Odes.

Junior Year—Horace, *Ars Poetica*; Satires and Epistles; Cicero, *De Amicitia* and *De Senectute*.

Senior Year—Tacitus, *Agricola*; Juvenal; Plautus; Cicero, *De Oratore*, *De Natura Deorum* or *De Divinatione*.

Sight reading and translations from English into Latin throughout the course.

GREEK.—*Freshman Year*—Xenophon, three books; Homer, *Iliad*, two books.

Sophomore Year—Homer, Selections from *Iliad*; Lysias, Selected Orations; Herodotus, books 6 and 7.

Junior Year—Demosthenes, on the Crown; Plato's *Apology* and *Crito*.

Senior Year—Æschylus, *Prometheus*; Selections from the Greek Lyric Poets.

Sight reading and translations from English into Greek throughout the course.

SPECIAL NORMAL ART.

A course in normal art is provided designed to prepare teachers. It unites the study of fine and industrial art and gives special attention to methods of public-school art instruction. It extends over four years. Applicants for advanced standing should be thoroughly qualified by previous study and training for entering the desired grade.

A certificate is given at the close of each year.

Although this course is designed to prepare teachers, it is calculated, with the omission of a few subjects, for any student desiring a systematic training and preparation for the pursuit of fine art. Too much can not be urged in favor of the superiority of graded instruction over the desultory pursuit of special subjects. This fact so easily admitted in academic studies is too often disregarded in the study of art.

PREPARATORY.—Derivation and Use of Lines, Cast Drawing, Modeling, Freehand Perspective, Drawing from Plants, Elements of Shading in Charcoal, Geometry-Plane, Constructive Drawing.

SECOND YEAR.—Mechanical and Freehand Perspective, Shading from Casts and Models, Drawing from Plants, History of Ornament, Elements of Decorative Designs, Geometry, Plane, Projection of Solids, Systems of Public School Drawing, Shading in Wash.

THIRD YEAR.—Mechanical and Freehand Perspective, Shading Casts in Charcoal, Water Color, Harmony and Chemistry of Color, Color Design, Drawing from Life, Constructive Design, Projection of Shadows, History of Sculpture.

SENIOR.—Anatomy of Human Figure, Oil Painting, Drawing and Painting from Life, Modeling in Clay, Casting, Design for Reliefs, Wood Carving, Pen Drawing and Etching, History of Painting, Practice in Teaching.

ELECTIVE ART WORK.

In special art the studies are elective. A separate studio, with a north light, and equipped with all necessary fittings, is provided for each study.

PERSPECTIVE AND MODEL DRAWING—These studies are fundamental and form a part of all courses except those directed exclusively to design.

CAST DRAWING—The cast drawing and light and shade room is completely furnished with selected plaster copies of antique statuary and reliefs.

WATER-COLOR PAINTING—Every facility is given for still life and figure painting, according to the best methods for securing independent results and a broad style of handling.

OIL PAINTING is conducted by study from composed groups, and from life.

DESIGN—As the most important study in the useful arts, careful attention is given to design. After the study of the theory has been mastered, efforts are directed to its practical application.

MODELING AND CASTING—Exceptional opportunities are offered for the practical study of terra cotta modeling. The practice of plaster-casting is also provided for.

WOOD CARVING—Wood carving and clay modeling, as means of training the hand to strength and deftness, are invaluable. Applications

of carved designs to useful articles are made as soon as sufficient excellence is obtained

Leather stamping is taught in this class.

LIFE DRAWING—Head and Draped figure.

It is believed that drawing from life should begin as soon as a fair proficiency is attained in elementary work. Efforts are directed toward a serious, strong, and accurate style of drawing and painting, and a knowledge of anatomical structure.

BOARDING.

Good boarding can be secured in a number of places near the college. The greatest care will be taken to secure for students suitable accommodations.

TUITION.

The scholastic year is divided into four quarters of nine weeks each. The rates of tuition are as follows:

For the Preparatory Classes, per quarter, \$20.

For the College, per quarter, \$25.

There are no extras.

Special students, for the Art Course, per quarter, \$10.

For other studies, each, \$8.

All dues are payable quarterly in advance. No terms will be made for a shorter period than one quarter.

SESSION.

The College will open on Wednesday, October 1, 1890, and regular work will be immediately begun. The date of final exercises and College Commencement is fixed for Tuesday, June 16, 1891. Parents and students are reminded of the necessity of beginning the session promptly and of completing it fully. Much difficulty is occasioned by the late arrival and early departure of students, and they are warned that without full attendance they will not be able to maintain their grade.

CALENDAR.

Session opens Wednesday, October 1, 1890.
 Second quarter begins Friday, December 5.
 Christmas holidays begin Wednesday, December 24.
 College reopens Friday, January 2.
 Semi-annual examinations begin January 9, 1891.
 Third quarter begins Tuesday, February 10.
 Mardi Gras, Tuesday, February 10, 1891.
 Fourth quarter begins Friday, April 17.
 Commencement, Tuesday, June 16, 1891.

ATTENDANCE 1889-'90.**COLLEGE.**

Senior class	9
Junior class	20
Sophomore class	11
Freshman class	23
	— 63

SPECIAL.

Literary	21
Art	39
	— 60
Preparatory	42
	—
Total	165

TULANE UNIVERSITY OF LOUISIANA.

LAW DEPARTMENT.

FACULTY.

HENRY CARLETON MILLER,
PROFESSOR OF ADMIRALTY AND INTERNATIONAL LAW, AND THE DEAN
OF THE FACULTY.

THOMAS JENKINS SEMMES,
PROFESSOR OF CONSTITUTIONAL LAW, COMMON LAW, AND EQUITY.

HENRY DENIS,
PROFESSOR OF CIVIL LAW, AND LECTURER ON THE LAND LAWS OF
THE UNITED STATES.

FRANCIS ADAIR MONROE,
PROFESSOR OF COMMERCIAL LAW AND THE LAW OF CORPORATIONS.

HENRY HINCKLEY HALL,
PROFESSOR OF CRIMINAL LAW, THE LAW OF EVIDENCE, AND OF
PRACTICE UNDER THE CODE OF PRACTICE OF LOUISIANA.

The Law Department was organized in 1847. Under a series of distinguished professors it has been in successful operation ever since.

The degree of Bachelor of Laws granted by the University, entitles the person on whom it is conferred to admission to the bar of this State. The graduates of the school constitute a large number of the most respectable practitioners of law in Louisiana. Some of them now occupy high judicial positions.

The great fountain of the jurisprudence of Louisiana is the Roman Civil Law. While it is necessary to study here, as in other States of the Union, the Laws of Nature and Nations, Admiralty and Maritime Law, the Common Law, Equity, and Constitutional Law, it becomes absolutely requisite to add to these the study of Civil Law, from which the provisions of the Code of Louisiana are mainly borrowed.

The lectures and course of studies are comprehensive. The Faculty aim to prepare the student for admission to the bar not only in this State, *but also in any of the common-law States of the Union*. The school is not designed or limited to educate one for the practice of the law in Louisiana only. It invites to its lectures all who wish to fit themselves for the practice of the law, no matter where they now reside, or in what State they may intend to follow this noble calling. The study of the two great systems of law, side by side, is to the student of any intellectual grasp a long step in the science of Comparative Jurisprudence.

The jurisprudence arising from the conflict of the law of different States and Nations, in their actual application to modern commerce and intercourse, is here practically taught by cases daily arising in the business of private persons.

The Supreme Court, the various courts of the State, the Circuit Court and the District Courts of the United States, hold their sessions in New Orleans during the whole period of the course of lectures of this department of the University. Thus, from the actual administration of justice in these courts, from the discussions at the bar and the opinions of the learned judges, as well as from the lectures of the Professors of the Law Department of the University, students have an opportunity of becoming acquainted with the theory of foreign laws as well as of our own laws, and of familiarizing themselves with the practice of the State and Federal Courts.

The Library of the State has been suitably arranged over the lecture room in the University Building, devoted to the Department of Law, corner of Tulane avenue and University Place. This library consists of nearly thirty thousand volumes, and includes a highly valuable collection of foreign and American legal works, and of law reports. During term time it is open daily from 9 A. M. until 3 P. M., and from 4 P. M. until 6 P. M. The use of the books is secured to students free of charge, under rules established by the Secretary of State.

Boarding in New Orleans for students can be had at moderate prices. No other city in the Union affords equal advantages for the acquisition of the modern languages.

REGULATIONS.

Every applicant for admission must be personally known to one of the professors or satisfactorily introduced.

Instruction will be given at the school daily during term time by lectures and expositions, and examinations in connection with them.

Moot Courts will be held for the instruction of the students in practice.

There will be a regular Public Commencement of the Department every year.

The Faculty will, previous to the Commencement, determine upon the qualifications of applicants for the degree of Bachelor of Laws, and present their names to the administrators.

The degree of Bachelor of Laws will be conferred on those students only who shall have attended *two full courses* of lectures; or *one full course*, after having pursued their studies for the term of twelve months under the direction of a respectable counselor-at-law, or in an institution having power to confer the degree of Bachelor of Laws, and who shall, on examination by the professors, be found worthy of the honor.

The degree will be conferred on Commencement Day, in public, according to the forms usually observed in Universities.

The degree will not be conferred on any student under the age of twenty-one years, or who shall not attain that age on or before the 15th day of November next after his application for the degree. But in no case will the diploma be delivered until the graduate reach his majority.

Every graduate of this Department is entitled to attend the lectures without charge.

No matriculation fee is now required. Diplomas will be granted without charge therefor. Eighty dollars, payable in advance, is the only charge made by this Department for the lectures and instruction of an entire session.

Students may enter at any stage of their professional studies, and at any time in the term; they may avail themselves of the advantages of the school in whatever manner and to whatever extent they may see fit. But those who join the class after the 15th of January will not be considered as having taken a full course.

The next annual session of this Department will begin Monday, November 17, 1890, and terminate in the ensuing month of May.

The exercises for the session 1890-'91 will be opened by the Dean, by public lecture, at 6:30 P. M., on the 19th day of November.

Daily thereafter, at the customary hours, the regular lectures of the session will be delivered. These lectures will be open to none but matriculates and graduates of this Law School, except upon especial invitation.

Commencement exercises, May, 1891.

All communications should be addressed to

HENRY C. MILLER,
Dean of the Faculty of Law,
27 Commercial Place,
New Orleans, La.

TEXT BOOKS OF THE LAW DEPARTMENT.

KENT'S COMMENTARIES.
 WOOLSEY'S INTERNATIONAL LAW.
 WHEATON'S INTERNATIONAL LAW.
 CONKLIN'S U. S. ADMIRALTY.
 CIVIL CODE OF LA. AND CODE OF PRACTICE.
 COOPER'S JUSTINIAN.
 LAURENT, COURS DE DROIT CIVIL.
 MARCADÉ ON THE FRENCH CODE; or,
 MOURLON, RÉPÉTITIONS ÉCRITES, ETC.
 BLACKSTONE'S COMMENTARIES.
 STORY'S EQUITY JURISPRUDENCE.
 SMITH'S MANUAL OF EQUITY.
 SMITH'S MERCANTILE LAW.
 STORY ON BILLS OF EXCHANGE AND PROMISSORY NOTES.
 ABBOTT ON SHIPPING.
 ARNOULD ON INSURANCE.
 GREENLEAF ON EVIDENCE.

ROLL OF LAW STUDENTS.

SESSION 1889-90.

Benedict, Percy S.	Gauthreaux, Charles J.
Brewer, William F.	Hanlon, Andrew J.
Buchanan, Daniel W.	Henry, Samuel J.
Butler, Charles A.	Horn, William K.
Cahill, A. J.	Hughes, Wm. L.
Campbell, William.	Kemp, Duncan S.
Danneel, Henry M.	Kennedy, John L.
Ducros, Marcel T.	Kohlman, Samuel J.
Dyer, Joseph O.	Lichtenstein, B. H.
Dymond, John, Jr.	Lory, Francois, Jr.
Ellis, Thomas S.	McCaleb, Edwin H.
Estopinal, Albert, Jr.	McCune, William J.
Eustis, C. M.	McCall, William J.
Favrot, George K.	Madison, Charles T.
Forman, Benjamin R., Jr.	Maguire, Joseph R.
Formento, William J.	Ory, Benjamin,
Flynn, George W.	Otero, Richard B.
Gasquet, Marshall J.	Patton, Mercer W.

Poché, Henry F.	Soulé, Albert E.
Pray, W. O.	Soulé, Edward E.
Quintero, Lamar C.	Spencer, Walker B.
Robinson, Henry E.	Sternberger, I. H.
Robinson, Henry W.	Wells, Hansell P., Jr.
Samuels, Benjamin F.	Whitney, William R. M.
Saunders, Henry J., Jr.	

GRADUATES, MAY 17, 1890.

Benedict, Percy Sommer.	Hanlon, Andrew Jackson.
Butler, Charles Andrew.	Horn, William Kennedy.
Campbell, William.	Hughes, William Lee.
Danneek, Henry Maurice.	Lory, Francis, Jr.
Dyer, Joseph Osterman.	McCaleb, Edwin Howard, Jr.
Dymond, John, Jr.	McCall, William John.
Estopinal, Albert, Jr.	McCune, William John.
Favrot, George Kent.	Ory, Benjamin.
Flynn, George Washington.	Quintero, Lamar C.
Forman, Benjamin Rice, Jr.	Samuels, Benjamin Franklin.
Gasquet, Marshall J.	Wells, Hansell Pinckney, Jr.
Gauthreaux, Charles Justin.	Whitney, Wm. Reed Mills, Jr.

MEDICAL DEPARTMENT.

FACULTY.

STANFORD E. CHAILLÉ, M. D.,
DEAN AND PROFESSOR OF PHYSIOLOGY AND PATHOLOGICAL ANATOMY.

T. G. RICHARDSON, M. D.,
EMERITUS PROFESSOR OF SURGERY.

JOSEPH JONES, M. D.,
PROFESSOR OF CHEMISTRY AND CLINICAL MEDICINE.

ERNEST S. LEWIS, M. D.,
PROFESSOR OF GENERAL AND CLINICAL OBSTETRICS AND DISEASES
OF WOMEN AND CHILDREN.

SAMUEL LOGAN, M. D.,
PROFESSOR OF GENERAL AND CLINICAL SURGERY.

JNO. B. ELLIOTT, M. D.,
PROFESSOR OF THE THEORY AND PRACTICE OF MEDICINE AND
CLINICAL MEDICINE.

EDMOND SOUCHON, M. D.,
PROFESSOR OF ANATOMY AND CLINICAL SURGERY.

A. B. MILES, M. D.,
PROFESSOR OF MATERIA MEDICA, THERAPEUTICS AND HYGIENE.

LECTURERS, CLINICAL INSTRUCTORS, AND DEMONSTRATORS.

W. C. AYERS, M. D.,
LECTURER AND CLINICAL INSTRUCTOR ON DISEASES OF
EYE AND EAR.

MEDICAL DEPARTMENT.

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LECTURERS, CLINICAL INSTRUCTORS, AND DEMONSTRATORS—*Concluded.*

H. W. BLANC, M. D.,
LECTURER AND CLINICAL INSTRUCTOR ON DERMATOLOGY.

L. F. REYNAUD, M. D.,
LECTURER AND CLINICAL INSTRUCTOR ON PHYSICAL DIAGNOSIS.

J. D. BLOOM, M. D.,
LECTURER AND CLINICAL INSTRUCTOR ON DISEASES OF CHILDREN.

RUDOLPH MATAS, M. D.,
DEMONSTRATOR OF ANATOMY.

A. McSHANE, M. D.,
ASSISTANT DEMONSTRATOR OF ANATOMY.

P. E. ARCHINARD, M. D.,
DEMONSTRATOR OF MICROSCOPICAL ANATOMY AND OF BACTERIOLOGY.

A. L. METZ, M. PH.,
INSTRUCTOR OF PRACTICAL PHARMACY.

CHIEFS OF CLINIC.

HENRY BAYON, M. D.
STANHOPE JONES, M. D.
J. M. ELLIOTT, M. D.
P. MICHINARD, M. D.
R. U. BORDE, M. D.
CHAS. CHASSAIGNAC, M. D.
A. McSHANE, M. D.
J. H. BEMISS, M. D.
P. E. ARCHINARD, M. D.
RUDOLPH MATAS, M. D.
JNO. J. LAURANS, M. D.

MEDICAL DEPARTMENT.

This institution, founded in 1834 as the "Medical College of Louisiana," became in 1847 the "Medical Department of the University of Louisiana," and in 1884 the "Medical Department of the Tulane University of Louisiana." It is the oldest medical college in the Southwest, and has the greatest number of alumni and of students. To April, 1890, it had registered the names of 9,286 students, and of these it had conferred diplomas on 2,699—namely, on 2,500 graduates in medicine, and 199 graduates in pharmacy.

The next annual course of instruction in this department, now in the fifty-seventh year of its existence, will begin on Monday, October 20, 1890, and end Saturday, March 28, 1891. The commencement will be held on Wednesday, April 1. The first two weeks of the term will be devoted especially to Clinical Medicine, Surgery, Obstetrics, and Gynæcology, in the wards and amphitheater of the Charity Hospital; Practical Chemistry in the Chemical Laboratory, under the direction of the Professor; and Practical Anatomy in the spacious and well-ventilated anatomical rooms of the University.

The peculiar feature of the school is its unequaled hospital and anatomical advantages, to which the faculty would direct the special attention not only of medical students, but also of graduates of other schools.

CLINICAL INSTRUCTION AT THE CHARITY HOSPITAL.

It is universally admitted that without abundant anatomical and clinical material, no medical school, however numerous or eloquent its professors, can possibly fit its pupils for practical professional life. It is scarcely necessary to state that it is only in large cities that such advantages can be procured; but it is of paramount importance that the opportunities there afforded should be properly utilized; that the students should be required, under the direction of the teacher, to examine patients for themselves, to keep record of cases, to note daily changes which may occur, and thus acquaint themselves by personal observation with the progress and termination of diseases and accidents. The mere introduction of a patient into an amphitheater, and the discussion of his case by the professor in the presence of a large class, is no substitute

for bedside instruction, such as is offered by the great Charity Hospital of New Orleans; and no reduction of lecture fees, not even their entire abolition, can possibly compensate for the lack of such opportunities. The use of the wards of this noble institution, with its *seven hundred beds*, and an annual occupancy thereof by from six to eight thousand patients, has been given by acts of the legislature to the Professors of the Medical Department of the Tulane University of Louisiana for the practical instruction of its students, not only in Medicine and Surgery, but also in Obstetrics and Gynæcology. Medical students are given access to the Charity Hospital without payment of any hospital fees, and far better opportunities for the study of diseases therein than are usually enjoyed in the hospitals of other cities. For the study of the diseases of the southwest there is no field comparable to the wards of this hospital. Between the buildings of the Medical Department and the Charity Hospital there are only six squares, which distance is readily walked within six minutes.

All the professors are Attending Physicians or Surgeons of the Hospital, and visit their wards daily, accompanied by the students, who are thus brought into immediate contact with the sick and wounded, and are taught practically auscultation and percussion, analysis of urine, the use of the microscope in diagnosis, the application of dressing, etc. Surgical operations are performed and lectures delivered upon selected cases in the amphitheatre of the hospital.

Special clinical instruction is given to the candidates for graduation, and to all students, who are, for this purpose, divided into classes, and assigned to the respective professors and clinical instructors in charge of wards in the Hospital. The classes thus formed interchange courses, so as to enable all students to enjoy equal advantages. Competent Chiefs of Clinic and Assistant Clinical Instructors aid the clinical teachers in developing this system of instruction.

The regular lectures at the Hospital, on Clinical Medicine, by Professors Elliott and Jones; on Surgery, by Professors Logan and Souchon; and on Obstetrics and Diseases of Women and Children, by Professor Lewis, will be delivered in the amphitheatre, daily, between 8:30 A. M. and 12 M.

Post-mortem examinations are made in the presence of the class by the Professor of Pathological Anatomy.

Diseases of the Eye and Ear are taught in the eye-wards and amphitheatre of the Hospital, and constitute a part of the curriculum of the surgical chair.

Special instruction in diseases of the skin, diseases of children, and physical diagnosis, is given by the Lecturers on these subjects.

The Administrators of the Charity Hospital elect annually, by competitive examination in March, fourteen resident students, who are entitled to board and lodging in the institution, free of charge. Two resident students in the Touro Infirmary are also similarly elected annually.

LECTURES.

Order of Lectures—The programme will be so arranged that the lectures upon the elementary branches, taught by the four chairs of Chemistry, Anatomy, Physiology, and Materia Medica, will occupy a somewhat larger proportion of hours during the first eleven weeks of the session than the practical studies, Practice of Medicine, Surgery, Obstetrics, and Gynæcology. On this account it is very important that the student should enter promptly at the opening of the term.

Didactic Lectures—Systematic didactic instruction in the various branches will be given daily, immediately after Hospital clinics, in the central building of the University, situated on Tulane avenue, between Baronne street and University Place. The means for illustrating this course consists of models in wood, wax, plaster, and papier maché, of rare and beautiful workmanship, executed in London, Paris and Florence, expressly for the University; a complete series of specimens in materia medica, surgical and obstetrical instruments and appliances, a large collection of natural anatomical preparations, specimens in morbid anatomy, and a set of chemical and philosophical apparatus. The Professor of Anatomy, after his lectures, teaches microscopic anatomy practically with specimens under the microscope.

The faculty call attention to the fact that the subject of Hygiene has been added to the regular curriculum of the school. This course is obligatory on students.

REQUISITES FOR GRADUATION.

- I.—The candidate must be of good moral character, and have attained the age of twenty-one years.
- II.—He must present evidence of having studied medicine for at least three years. One of these three years, if not passed at a regular medical college, may be occupied either in taking the Preparatory Course of the Collegiate Department, or in studying under the direction of a regular graduate.
- III.—He must have attended two full courses of lectures and of dissections in a generally recognized medical college, the last of which must have been in this institution.

IV.—He must write a thesis on a medical subject and present it to the Dean at least one month before the close of the session.

V.—He must pass a satisfactory examination before the Faculty.

VI.—He must have paid in full all college dues, including the graduation fee.

(Students who intend to present themselves for examination are advised to write their theses during the summer vacation.)

PREPARATORY COURSE.

Tulane college offers the following course, as preliminary to the study of medicine, with the privilege of the Drawing Class:

Physics; Chemistry, (and in Laboratory;) Biology, (and with Microscope;) Botany; Rhetoric; German and English Literature.

This course, although recommended by the faculty, is not obligatory, but will be received as equivalent to one year's study in a physician's office. All graduates of Tulane College are entitled to this privilege.

The fee for this course is eighty dollars.

TERMS PER ANNUAL SESSION.

The total fees for the first session amount to \$155, and for the second session to \$180.

The charge for the full course in pharmacy is \$60, or \$20 for each of the three branches; and also \$20 for the graduation fee. In addition, every student is required to pay the matriculation fee of \$5, (for the first session only,) and to deposit a "breakage fee" of \$5, to reimburse any injury needlessly inflicted on the Pharmaceutical Laboratory and its contents; at the end of the session the "breakage fee" is refunded in whole or in part, depending on the charges incurred by the student. The total fees paid by a student in pharmacy are, therefore, \$70 for the first and \$85 for the second course.

Students in medicine who take also the course in pharmacy, pay only the Pharmaceutical Laboratory fee of \$20 and the "breakage fee" of \$5; and this extra charge of \$25 must also be paid by students in pharmacy who may desire to attend more than two courses in the Laboratory. Students in pharmacy, as in medicine, are not charged for the tickets of professors after attendance upon two courses.

The Pharmaceutical Laboratory will be opened for instruction on Monday, October 20, 1890.

EXPENSES, ETC.

Information about houses for board and lodging may be obtained by application to P. Martin, Janitor. The price usually paid by students is \$20 per month.

For any additional information, address "Prof. CHAILLÉ, DEAN, P. O. Drawer, 261." Letters thus *officially* addressed secure prompt attention even if the Dean be absent.

STANFORD E. CHAILLÉ, M. D.,

Dean of the Medical Department.

NEW ORLEANS, LA., *June, 1890.*

GRADUATES OF 1890.

At the fifty-sixth Annual Commencement, held Tuesday, April 1, 1890, the Annual Address was delivered by Hon. E. D. White; the Valedictory by Dr. J. B. Bonney, of the graduating class; and degrees were conferred on one hundred and three graduates, viz., ninety-three in Medicine and ten in Pharmacy.

Total matriculates of the session, 1889-'90, 373; Medical students, 341; Pharmacy students, 32. In addition thereto seven medical students took also the course in Pharmacy and two female students took the course in the Pharmaceutical Laboratory — a sum total of forty-one students in Pharmacy.

GRADUATES IN MEDICINE—93.

NAMES.	POSTOFFICE.	COUNTY.	STATE.
ADAMS, WM. LOUIS.....	San Francisco.....	San Francisco.....	California
ALBERS, EDWARD M.....	Galveston.....	Galveston.....	Texas
*AMES, ROGER POST.....	New Orleans.....	Orleans.....	Louisiana
ANDERSON, LAURENCE C.....	Lake Charles.....	Calcasieu.....	Louisiana
ANGELL, RICHARD.....	New Orleans.....	Orleans.....	Louisiana
ARNOLD, PHILIP.....	Schapesville.....	Jo Davies.....	Illinois
BARROW, ABRAM FELTUS.....	Bayou Sara.....	West Feliciana.....	Louisiana
BASS, THOMAS B.....	Terrell.....	Kaufman.....	Texas
BELDEN, HENRY EVELYN.....	New Orleans.....	Orleans.....	Louisiana
BERG, (PH.D.) LUDWIG MUNTHE.....	Laredo.....	Webb.....	Texas
*BLACK, HARDY CALHOUN.....	New Orleans.....	Orleans.....	Louisiana
BONNEY, JAS. BENJ.....	Waterproof.....	Tensas.....	Louisiana
BRAMAN, DANL. HAWES.....	Victoria.....	Victoria.....	Texas
BRAMLITT, ALBERT C.....	Booneville.....	Prentiss.....	Mississippi
BRICE, LAURENCE A.....	Terrell.....	Kaufman.....	Texas
BRIGHT, IRA BROYLES.....	Aberdeen.....	Monroe.....	Mississippi
*BROWNLIE, CHAS. Y.....	New Orleans.....	Orleans.....	Louisiana
BUIE, NEILL H.....	Caseyville.....	Lincoln.....	Mississippi
BURFORD, JNO. BRAXTON.....	Moravia.....	Lavacca.....	Texas
BYRNS, JOHN W.....	Jewett.....	Leon.....	Texas
CARRADINE, JNO. H.....	Fayette.....	Jefferson.....	Mississippi
CARSON, SHELBY CHADWICK.....	Bessemer.....	Jefferson.....	Alabama
CHANCEY, NAPOLEON B.....	Lufkin.....	Angelina.....	Texas
CHRETIEN, JOS. FRANK.....	New Orleans.....	Orleans.....	Louisiana
CLAY, DAVID MILTON.....	Shreveport.....	Caddo.....	Louisiana
COURTS, DANL. WILLIAM.....	Reidsville.....	Rockingham.....	N. Carolina
COUVILLION, WALTER F.....	Marksville.....	Avoyelles.....	Louisiana
DAVIS, HENRY LEE.....	Pleasant Hill.....	Sabine.....	Louisiana
DELAUP, SIDNEY PHILIP.....	New Orleans.....	Orleans.....	Louisiana
EILERS, MARTIN GERHARD.....	Praha.....	Fayette.....	Texas
FINNEY, LUDGER MARK.....	New Orleans.....	Orleans.....	Louisiana
FOOTE, CHAS. AUGUSTUS.....	Big Cane.....	St. Landry.....	Louisiana
FREDERIKSEN, JOHAN D.....	New Orleans.....	Orleans.....	Louisiana
†GILBERT, ROBT. GLEN.....	New Orleans.....	Orleans.....	Louisiana
GROVE, GEO. WASSON.....	Dallas.....	Dallas.....	Texas
HARRIS, EUGENE A.....	Pittsville.....	Fort Bend.....	Texas
HAWKINS, ROBT. GARNETT.....	Palmetto.....	St. Landry.....	Louisiana
HOLMES, BENJ. FORD.....	Holmesville.....	Pike.....	Mississippi
HOWARD, GEORGE ROBERT.....	Palestine.....	Anderson.....	Texas
HUGHSTON, WALTER L.....	Sidon.....	LeFlore.....	Mississippi
ISBESTER, RICH'D. THORNTON.....	Chattanooga.....	Hamilton.....	Tennessee
JACOBSON, SIDNEY D.....	New Orleans.....	Orleans.....	Louisiana
JEFFERIES, CHAS. A.....	Home.....	Union.....	South Carolina
JOHNSON, HARRY MCCRINDELL.....	Bayou Sara.....	West Feliciana.....	Louisiana
JOHNSTON, OSWALD LEON.....	Milton.....	Santa Rosa.....	Florida
JOWERS, EMMETTE.....	Preston.....	Webster.....	Georgia
KINARD, ALLEN.....	Prosperity.....	Newberry.....	South Carolina
KNOLLE, ALBERT PLEASAN.....	Industry.....	Austin.....	Texas
KOHNKE, QUITMAN N.....	New Orleans.....	Orleans.....	Louisiana
LASTRAPES, WILLIAM R.....	Opelousas.....	St. Landry.....	Louisiana
LEE, WM. PULASKI.....	Breckinridge.....	Stephens.....	Georgia
LOCKHART, THOS. E.....	Marion.....	Perry.....	Alabama
LOWE, LEE GEORGE.....	New Orleans.....	Orleans.....	Louisiana
MCCORKLE, ROBT. G.....	Winona.....	Montgomery.....	Mississippi
MCCOWN, JAS. RANE.....	Flatonia.....	Fayette.....	Texas
McKAY, JR., JOHN H.....	Madison.....	Madison.....	Mississippi
McLARTY, CLAUDIUS MCCALL.....	Yegua.....	Burleson.....	Texas

*Resident students in the Charity Hospital.

†Resident students in the Touro Infirmary.

GRADUATES IN MEDICINE—*Concluded.*

NAMES.	POSTOFFICE.	COUNTY.	STATE.
MC SWAIN, LUCIUS H.	Emmet.	Nevada.	Arkansas
MC VAY, BRUCE P.	Bryan.	Brazos.	Texas
MAGER, THOS. KIRBY.	Hamburgh.	Franklin.	Mississippi
MAHON, DENNIS J.	Burnet.	Burnet.	Texas
MANTOOTH, LAFAYETTE.	Homer.	Angelina.	Texas
MENEFEE, ALBERT O.	Harmony Hill.	Rusk.	Texas
MILES, WYATT S.	Harrisville.	Simpson.	Mississippi
MOORE, DANIEL.	Sugartown.	Calcasieu.	Louisiana
MORRIS, (M. D.,) HENRY CLAY.	Holland.	Bell.	Texas
NAYLOR, STEPHEN D.	McGregor.	McLennan.	Texas
NICHOLS, CLAY.	Schulenburg.	Fayette.	Texas
NOHA, (M. PH.,) ADOLPH.	New Orleans.	Orleans.	Louisiana
NOWLIN, ANDREW J.	Garden Valley.	Smith.	Texas
OLIVER, WILLIAM H.	Caldwell.	Burleson.	Texas
PEARCE, ALAN SAN GREEN.	Evergreen.	Avoyelles.	Louisiana
PHENIX, NEWTON JASPER.	Paluxy.	Hood.	Texas
PLUNKETT, JOS. HENRY.	Flora.	Madison.	Mississippi
REISS, PAUL LOUIS.	New Orleans.	Orleans.	Louisiana
† RUNYAN, JOE PHINEHAS.	McNeil.	Columbia.	Arkansas
RUSSWURM, (M. D.,) WM. C.	Pillow.	Phillips.	Arkansas
* SAIZAN, JOS. P.	Port Barre.	St. Landry.	Louisiana
SCHILLING, HENRY L.	Smithburg.	Pike.	Mississippi
SHINAULT, CHAS. RICHARD.	Booneville.	Prentiss.	Mississippi
STEVENS, JOSEPH J.	Augusta.	Perry.	Mississippi
STREET, HARRY NORWOOD.	Olio.	Amite.	Mississippi
TISDALE, WM. APPLETON.	Ellisville.	Jones.	Mississippi
TODD, THOS. LINDSEY.	Bryan.	Brazos.	Texas
VIALLO, LOUIS HENRY.	Bayou Goula.	Iberville.	Louisiana
VILLIEN, JOS. A.	Abbeville.	Vermilion.	Louisiana
* WALET, HENRY E.	Belle Place.	Iberia.	Louisiana
WALKER, NICHOLAS S.	Baldwyn.	Prentiss.	Mississippi
WEBER, ARTHUR.	New Orleans.	Orleans.	Louisiana
WEEMS, JR., MASON LOCKE.	Columbia.	Brazoria.	Texas
WILLIAMS, CHANCEY Z.	Franklinton.	Washington.	Louisiana
WILLIAMS, DANIEL J.	Mt. Carmel.	Covington.	Mississippi
ZULCH, JULIUS.	Willow Hole.	Madison.	Texas

*Resident students in the Charity Hospital.

†Resident students in the Touro Infirmary.

GRADUATES IN PHARMACY—10.

NAMES.	POSTOFFICE.	COUNTY.	STATE.
BORTZ, HERMANN W.	Shreveport.	Caddo.	Louisiana
CAIRE, NEMOURS.	New Orleans.	Orleans.	Louisiana
DANNENMAN, EDWARD.	New Orleans.	Orleans.	Louisiana
DELAHOUSAYE, ARTHUR J.	Franklin.	St. Mary.	Louisiana
DE MONSABERT, A. M. G.	New Orleans.	Orleans.	Louisiana
EVERARD, HENRY.	New Orleans.	Orleans.	Louisiana
MAILHES, ERNEST J.	New Orleans.	Orleans.	Louisiana
QUAYLE, THOS. ANDREW.	New Orleans.	Orleans.	Louisiana
SIRJACQUES, ALEX CHAS.	New Orleans.	Orleans.	Louisiana
VON GOHREN, JR., LUDWIG H.	New Orleans.	Orleans.	Louisiana

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TULANE UNIVERSITY.
LAW DEPT. MED. COL. HIGH SCHOOL.

TULANE UNIVERSITY

OF

LOUISIANA.

1891-'92.

NEW ORLEANS, LA.

TULANE UNIVERSITY

— OF —

LOUISIANA.

CATALOGUE, 1890-'91.

UNIVERSITY, COLLEGE, HIGH SCHOOL,
H. SOPHIE NEWCOMB MEMORIAL COLLEGE FOR WOMEN,

— AND —

LAW AND MEDICAL DEPARTMENTS.

ANNOUNCEMENT FOR 1891-'92.

NEW ORLEANS:

1891.

CALENDAR.

SESSION OF 1891-1892.

1891.

TUESDAY AND WEDNESDAY, SEPTEMBER 29 AND 30,	Entrance Examination for College, High School, and H. Sophie Newcomb Memorial College.
THURSDAY, OCTOBER 1,	Opening of College, High School, and H. Sophie Newcomb Memorial College.
MONDAY, OCTOBER 19,	Department of Medicine opens.
SATURDAY, OCTOBER 31,	Free Drawing Classes begin.
MONDAY, NOVEMBER 16,	Department of Law opens.
MONDAY, DECEMBER 7,	Second Quarter begins.
THURSDAY, DECEMBER 24,	Christmas Holidays begin.

1892.

MONDAY, JANUARY 4,	Studies resumed in College, High School, and H. Sophie Newcomb Memorial College.
WEDNESDAY, FEBRUARY 10,	Third Quarter begins.
WEDNESDAY, APRIL 6,	Commencement of the Medical Department.
MONDAY, APRIL 18,	Fourth Quarter begins.
SATURDAY, MAY 14,	Commencement of the Law Department.
SATURDAY, MAY 14,	Free Drawing School closed.
TUESDAY, JUNE 14,	Commencement of the H. Sophie Newcomb Memorial College.
WEDNESDAY, JUNE 15,	Commencement of the High School.
THURSDAY, JUNE 16,	Commencement of the College.

BOARD OF ADMINISTRATORS.

RANDALL LEE GIBSON (U. S. Senator), *President*.
CHARLES ERASMUS FENNER, Associate Justice Supreme Court of
Louisiana, *First Vice President*.
JAMES McCONNELL, *Second Vice President*.
TOBIAS GIBSON RICHARDSON, M. D.
EDWARD DOUGLAS WHITE, (U. S. Senator).
EDGAR HOWARD FARRAR.
PARCHAL NEILSON STRONG, *Secretary and Treasurer*.
BENJAMIN M. PALMER, D. D., LL. D.
SAMUEL HORTON KENNEDY.
WALTER ROBINSON STAUFFER.
CARTWRIGHT EUSTIS.
HENRY GINDER.
JOHN TIMMONS HARDIE.
ROBERT MILLER WALMSLEY.
RT. REV. JOHN NICHOLAS GALLEHER.
JOSEPH C. MORRIS.
CHARLES MORGAN WHITNEY.

EX-OFFICIO.

HON. FRANCIS T. NICHOLLS, Governor of Louisiana
HON. JOSEPH A. SHAKSPEARE, Mayor of New Orleans.
HON. W. H. JACK, State Supt. Public Education.

OFFICERS OF THE UNIVERSITY

WM. PRESTON JOHNSTON, LL. D., *President*.
WM. O. ROGERS, *Secretary and Librarian*.
CHARLES G. GILL, PH. D., *Librarian*.

TULANE UNIVERSITY.

HISTORICAL STATEMENT.

The Tulane University of Louisiana, founded upon an endowment of the late Paul Tulane, was established by law by Act No. 43 of the session of 1884, which was ratified by a constitutional amendment April 17, 1888. By virtue of this legislation the administrators of the Tulane Educational Fund became administrators in perpetuity of the University of Louisiana, agreeing to devote their income to its development, and to establish thereon the Tulane University of Louisiana.

The Medical Department was established in 1834. It has attained the greatest prestige throughout the Southern States, not only for the ability and distinction of its professors, but for its unsurpassed means of teaching. It has matriculated 9693 students, and conferred diplomas on 2615 graduates in medicine and 212 graduates in pharmacy. It has the great Charity Hospital, with its seven hundred beds and six thousand patients annually, as its school of practical instruction.

The Administrators of the Charity Hospital elect every year from the graduates fourteen resident students, who are maintained by that institution. Vacancies are filled by competitive examination.

The Pharmaceutical Laboratory, established in 1887, has been judiciously fostered and excellently managed. The number of students availing themselves of its advantages has increased. Female students are admitted to this Laboratory, but not to the lecture rooms of the Medical College.

The Law Department was organized in 1847. It has numbered among its professors the most distinguished lawyers of the State, and a chair in its faculty is esteemed one of the highest honors open to the profession in Louisiana. While the civil law is taught here, as the basis of the whole legal superstructure and machinery of the State, and as the foundation of its civil code and jurisdiction, the course of instruction is sufficiently comprehensive to prepare the student for admission to the bar, not only in this State, but also in any of the common law States of the Union.

The Academical Department of the University of Louisiana was

opened in the autumn of 1878. It received an annuity of \$10,000 from the State, and met with excellent success for its limited means.

Col. Wm. Preston Johnston was selected in January, 1883, to organize an institution of learning under the terms of Mr. Tulane's donation. The acquisition of the University of Louisiana, with its franchises and valuable buildings, in 1884, gave practical shape to the purposes of the Tulane Board, and supplied the foundation on which to establish Tulane University. It has now fourteen chairs in the University proper, and a High School Faculty, which, with its head-master, has fourteen professors, assistant professors, and instructors. The collection of scientific apparatus, especially for instruction in physics and electricity, is quite extensive and of very high grade. The teaching is in great part by laboratory work, and the apparatus is better adapted to this method of instruction than any in the South. There is a practical course in electrical engineering which has been pursued with marked success. A complete electrical plant of the Edison system has been erected by the students, and is in use for the solution of the many practical questions that arise in electrical engineering. The chemical laboratories have been carefully fitted up and are now in a fair state of efficiency, and it is hoped that many young men will be trained here to take part in developing the industries of the Southern States.

The biological laboratory is well supplied with microscopes and the various kinds of apparatus needed for investigation as well as for ordinary study.

The line between university work and collegiate or academic work is sharply drawn. The latter is embraced in a series of equivalent curricula extending through seven years, three in the high school and four in the college, all leading to baccalaureate degrees, with or without distinction, according to attainment. The former is elective and of the most advanced character, and leads to the Degrees of Master of Arts, of Doctor of Philosophy, and the Engineering Degrees.

A manual training school has been established. It is considered as the workshop or laboratory of the high school for technical training, but students of Tulane College are admitted to it on easy conditions. It is not intended to teach trades to young men, but to make them experts in the principles and handicraft of wood-working, iron and metal-working and machine construction. The appliances are as nearly perfect and the scheme of instruction as thorough as in any institution in the United States. The effort will be made to dignify and elevate labor without interfering with more abstract pursuits. No revolution in education is aimed at, but rather moral expansion and development

through the cultivation of recognized and valuable mental and physical functions and activities; the whole system constituting a rounded and harmonious evolution of the student as man and citizen.

The libraries of the University, besides the State library of twenty-six thousand volumes, contain about twenty thousand volumes, with a certain fund for increase of some \$2000 per annum. The largest hospitality is extended to book-lovers and readers.

The institution is Christian, but not sectarian, and this is construed as extending the largest liberty of invitation to all who love the light of knowledge. The Tulane University is now on the sound basis of a living income, with a corporation secure in its tenure of office and consistent in its plans and purposes, and with the prestige of a State institution and popular favor to aid in its honorable career.

Professor Richard H. Jesse, having been elected to the Presidency of the State University of Missouri, has resigned his position as Professor of Latin, to take effect from the close of the session in June, 1891. Professor Jesse was Dean of the Academical Department of the University of Louisiana from its organization, in 1878, to the time of the establishment of Tulane University in 1884. Since then he has ably filled the chair of Latin in the College.

The chair of Latin, vacated by Professor Jesse's resignation, has been filled by the election of Professor James H. Dillard, Principal of the Mary Institute, a department of Washington University, St. Louis. Professor Dillard was for a long period Principal of the Norfolk (Virginia) Academy, and is Vice President of the Sauveur Summer College of Languages at the University of Vermont. He is Master of Arts of Washington and Lee University, and holds the honorary degree of Doctor of Letters from the same institution.

Still further to enlarge the scope and increase the usefulness of the University, Mrs. Josephine Louise Newcomb, widow of Warren Newcomb, of New York City, generously donated a large sum of money for the endowment of a female college, known as "The H. Sophie Newcomb Memorial College in the Tulane University of Louisiana, for the higher education of white girls and young women."

Its first annual session was opened Thursday, October 16, 1887. Since that time the faculty has been enlarged to meet the requirements of a steadily increasing number of students, and satisfactory progress has been made in organizing and building up an institution which should satisfy the conditions of higher female education. Teaching appliances of the best character have been added to the libraries and laboratories of the literary and scientific departments, while in the matter of art and liberal culture, the progress has been rapid and effective.

The work of the institution has been enlarged by adding an Academy thereto, as preparatory for College.

The growth of Newcomb College has been constant and vigorous. It aims by thorough training, sound scholarship, healthful, intellectual, and moral associations, to offer the highest advantages of education.

Through the continued generosity of Mrs. Newcomb, the College and Academy have been removed to the beautiful building and grounds on Washington avenue. Extensive improvements have been made; a brick building has been constructed for the physical and chemical laboratories, and much has been done toward placing the institution in the front rank among the female colleges of the country.



FACULTY AND INSTRUCTORS,
1890-1891.

WM. PRESTON JOHNSTON, LL. D.,
President of the University.

(IN THE ORDER OF ELECTION.)

RANDELL HUNT, LL. D.,
Emeritus Rector of the Law Department.

T. G. RICHARDSON, M. D.,
Emeritus Professor of Surgery.

STANFORD E. CHAILLE, M. D.
Dean of the Medical Department, Professor of Physiology, Pathological Anatomy, and Hygiene.

JOSEPH JONES, M. D.
Professor of Chemistry and Clinical Medicine.

SAMUEL LOGAN, M. D.,
Professor of General and Clinical Surgery.

ERNEST S. LEWIS, M. D.,
Professor of General and Clinical Obstetrics and Diseases of Women and Children.

JOHN B. ELLIOTT, M. D.,
Professor of Theory and Practice of Medicine and Clinical Medicine.

RICHARD H. JESSE,
Professor of Latin.

J. L. CROSS, A. B. (Va. Military Institute),
Professor of Mathematics.

J. HANNO DEILER (Royal Normal College of Munich-Freising),
Professor of German Language and Literature.

- ALCÉE FORTIER,
Professor of French Language and Literature.
- BROWN AYRES, B. SC., PH. D. (Stevens Institute),
Professor of Physics and Astronomy.
- ROBERT SHARP, A. M., PH. D. (Leipsic),
Professor of Greek and English.
- HENRY CARLETON MILLER,
Dean of the Law Department, and Professor of Admiralty and International Law.
- JOHN M. ORDWAY, A. M. (Dartmouth),
Professor of Applied Chemistry and Director of Manual Training School.
- WM. WOODWARD (Massachusetts Normal Art School),
Professor of Drawing.
- HENRY DENIS,
Professor of Civil Law and Lecturer on the Land Laws of the United States.
- EDMOND SOUCHON, M. D.,
Professor of Anatomy and Clinical Surgery.
- ASHLEY D. HURT, A. M.,
Head Master of the High School and Professor of Latin
- LYMAN C. REED, A. M.,
Professor of English.
- JOHN R. FICKLEN, B. LET. (University of Virginia),
Professor of English History and Rhetoric.
- JOHN W. CALDWELL, A. M., M. D.,
Professor of Chemistry and Geology.
- JOSEPH F. JOOR, M. D.,
Professor of Botany.
- ELLSWORTH WOODWARD, (Massachusetts Normal Art School).
Professor of Drawing. Newcomb College.
- A. B. MILES, M. D.,
Professor of Materia Medica and Therapeutics and Clinical Medicine.

BRANDT V. B. DIXON, A. M. (Cornell University),

*Professor of Metaphysics and Mental Science, and
President of the H. Sophie Newcomb Memorial
College for Young Women.*

THOS. J. SEMMES,

*Professor of Constitutional Law, Common Law and
Equity, Conflict of Laws, with Jurisdiction and
Practice of the United States Courts at Law and in
Equity.*

FRANK A. MONROE,

*Professor of Commercial Law and of the Law of Cor-
porations.*

HARRY H. HALL,

*Professor of Evidence, Code of Practice and Criminal
Law.*

I. L. LEUCHT,

Professor of Hebrew.

GEORGE GESSNER, A. M.

Professor of Greek.

HENRY B. ORR, PH. D. (Jena),

Professor of Biology.

ULRIC BETTISON,

Professor of Mathematics. Newcomb College.

EVELYN W. ORDWAY, B. S. (Massachusetts Institute of Technology),

Professor of Chemistry and Physics. Newcomb College.

JENNIE C. NIXON,

Professor of English and Rhetoric. Newcomb College.

MARIE J. AUGUSTIN,

Professor of French. Newcomb College.

MARY L. HARKNESS,

Professor of Latin. Newcomb College.

CHARLES G. GILL, PH. D.,

Assistant Professor of Greek.

S. P. DELAUP, B. SC.,

Assistant Professor of French and Mathematics.

- J. W. PEARCE, A. M.,
Assistant Professor of English and Mathematics.
- D. R. BUCHANAN,
Assistant Professor of Penmanship and Book Keeping.
- ALPHONSE F. DELBERT, B. SC.,
Assistant Professor of Machine Construction and Drawing.
- JAMES CURTIS BALLAGH,
Assistant Professor of Natural Sciences and Mathematics.
- GERTRUDE ROBERTS,
Assistant Professor of Drawing and Painting. Newcomb College.
- EMMA S. ROSSNER,
Principal of Preparatory Classes. Newcomb College.
- JULIA C. LOGAN,
Instructor of English. Newcomb College.
- MATTIE M. AUSTIN,
Instructor of Latin. Newcomb College.
- FLORIAN SCHAFFTER,
Director of Vocal Music. Newcomb College.
- RUDOLPH MATAS, M. D.,
Demonstrator of Anatomy and Chief of Clinic.
- A. McSHANE, M. D.,
Assistant Demonstrator of Anatomy and Chief of Clinic.
- A. L. METZ, M. PH.,
Instructor of Practical Pharmacy.
- H. W. BLANC, M. D.,
Lecturer and Clinical Instructor on Dermatology.
- W. C. AYRES, M. D.,
Lecturer and Clinical Instructor on Diseases of the Eye and Ear.
- L. F. REYNAUD, M. D.,
Lecturer and Clinical Instructor on Physical Diagnosis.

J. D. BLOOM, M. D.,

Lecturer and Clinical Instructor on Diseases of Children.

P. E. ARCHINARD, M. D.,

Demonstrator of Microscopical Anatomy and of Bacteriology.

HENRY BAYON, M. D.,

Lecturer and Clinical Instructor on Physical Diagnosis.

LUTHER SEXTON, M. D.,

Lecturer and Clinical Instructor on Minor Surgery.

CHIEFS OF CLINIC.

HENRY BAYON, M. D.

STANHOPE JONES, M. D.

J. M. ELLIOTT, M. D.

P. MICHINARD, M. D.

R. U. BORDE, M. D.

CHAS CHASSAIGNAC, M. D.

A. McSHANE, M. D.

J. H. BEMISS, M. D.

P. E. ARCHINARD, M. D.

RUDOLPH MATAS, M. D.

JNO. J. LAURANS, M. D.

ALLISON OWEN,

Instructor in Drawing.

OTIS ATHERTON,

Instructor in Iron-Working.

JULIUS PORBES,

Instructor in Wood-Working.

STEPHEN PORBES,

Instructor in Wood-Working.

SUMMARY—FACULTY AND INSTRUCTORS.

PRESIDENT AND PROFESSORS.....	38
ASSISTANT PROFESSORS.....	8
LECTURERS AND INSTRUCTORS	29
Total	75

TULANE UNIVERSITY OF LOUISIANA.

PLAN OF EDUCATION.

Tulane University is an institution for the higher education of the white youth of Louisiana. The Administrators of Tulane University, recognizing the great fact that education is a unit, integral from its very nature, and looking to the actual condition of things in Louisiana, find themselves obliged to embrace in their scheme, a plan broad and deep, and to institute for the successive phases of educational development, a High School, a College, and a University Department of Philosophy and Science. Taking the youth on the threshold of the higher education, this plan proposes, through judicious instruction, to train him to know, to do, and to be, and thus to develop a consistent manhood by means of this harmonious and equable evolution of body, mind, and soul.

Tulane University of Louisiana is divided into the University Department of Philosophy and Science, Tulane College, Tulane High School, H. Sophie Newcomb Memorial College for Young Women, the Law Department. and the Medical Department.

UNIVERSITY DEPARTMENT OF PHILOSOPHY AND SCIENCE.

If the student in a college should feel and act as one under authority, the graduate of the college who enters upon his university career in the Department of Philosophy and Science should recognize that he is called to a higher culture, which does not simply permit, but demands, liberty of choice, the exercise of independent thought, an earnest attempt at original investigation, and individual conviction. Herein he must receive the inspiration of the scientific spirit and pursue his studies by the scientific method, under the guidance, but not under the authority, of a professor.

Acting upon this view, we differentiate sharply between the work of the College and the work of the University in its higher department.

We leave to the College the disciplinary work of education to be pursued by collegiate or gymnastic methods. We reserve for the students in the Department of Philosophy and Science that higher culture pursued in the scientific spirit, which is true University work. If few in number, yet these University students must be College graduates, not merely College students graded as University students.

We admit to our University, as candidates for degrees, the graduates of our own and other colleges with fairly equivalent requirements, and such other persons as shall pass a satisfactory examination on branches of knowledge and studies fully equivalent.

DEGREES—Graduates of Tulane College and other accepted candidates who shall pursue for two years an approved course of study in three branches, one major and two minor, selected by the student and approved by the Faculty, and who shall pass a satisfactory examination and present a written thesis acceptable to the President and Faculty, will receive the degree of **MASTER OF ARTS**.

The degree of **DOCTOR OF PHILOSOPHY** will be given for a further prescribed, or approved, course of study in Tulane University, pursued for two years more under like conditions, and with such excellence and superior attainments as to warrant it.

With respect to these higher degrees the following regulations have been adopted by the Board of Administrators:

Advanced degrees shall not hereafter be given to graduates of this or other colleges in consideration of work prescribed in any of the regular college courses of study. Such work shall in all cases lead to the degree of Bachelor of Arts, or Bachelor of Science.

All post graduate courses of study shall at the time of their selection be classed either as philosophical or technical, according to the nature of the work required.

Any philosophical course, whether classical, literary or scientific, shall lead to the degree of Master of Arts. The technical courses shall lead to appropriate engineering degrees.

Graduates of the H. Sophie Newcomb Memorial College or female graduates of other accredited colleges of the first grade who have received the degree of A. B. or B. S., may be admitted to the privileges of University instruction, and shall be entitled to the A. M., or a technical degree, upon the completion of a course of study equivalent to that required of male graduates.

All University courses of study shall be assigned, approved and conducted by the University Faculty.

The University Faculty consists of the President, the Secretary, the President of the H. Sophie Newcomb College, the Director of the Manual Training School, the Head Master of the High School, and the Professors filling the chairs of Metaphysics, Latin, English and Greek, English History and Rhetoric, German, French, Mathematics, Physics, Applied Chemistry, Chemistry and Geology, Drawing, Biology, and such others as may from time to time be added by the Board of Administrators.



TULANE COLLEGE.

Tulane College covers, with four years of solid collegiate instruction and training, the second great phase of liberal education. Its purpose is to train and discipline the student for the professions or for leadership in the superior walks of the manifold and ever widening spheres of active life.

To attain this high aim, every faculty of the mind must be disciplined to work efficiently to its appointed ends. And for this discipline every grand division of the complete sphere of human knowledge should be represented in a rounded plan of academic education. Philosophy, History, Mathematics, the Physical Sciences, Biology, and the Languages, which are the expression and embodiment of human thought, all serve as necessary agents in a harmonious evolution of intellect and character, and should all be represented in any scheme or course of study which pretends to give a complete liberal education. To assume, however, that there is only one course which shall do equally well for all, no matter what their intended careers may be, is a mistake.

Not trusting in the ability of immature students, or even of parents who have rarely duly considered the subject, Tulane College now offers four courses of study, with prescribed branches, each leading to a baccalaureate degree. These courses, though directed to different pursuits in life, are parallel and almost substantially equivalent in the amount, proportion and exactness of the training and instruction afforded.

In the grouping and succession of studies in these courses, while opportunity is afforded for information in all the great realms of human knowledge adequate to a liberal education, still greater regard is had to that rigorous training of the faculties which develops intellectual energy and moral power. It is intended that the degrees which crown these four courses shall be an honest testimonial to solid acquirements in knowledge and intellectual discipline.

The difference in the courses is chiefly in the amount of the particular branches pursued, and in the substitution of studies nearly equivalent in amount, and as nearly so as possible in intrinsic and disciplinary value to the students.

The courses are denominated respectively, Classical, Literary, Scientific and Engineering. Each has four Classes, which retain the time-honored name of Freshman, Sophomore, Junior, and Senior. In

each course of study, and in each year of that course, it has been sought, by a proper and logical arrangement of studies, to carry forward the instruction and the training to a given practical end.

The degree of Bachelor of Arts is conferred for the successful accomplishment of the Classical or Literary Course, and the degree of Bachelor of Science, for the successful accomplishment of the Scientific or Engineering Course, and students of extraordinary merit may have added to this. "with distinction."

— — —
CLASSICAL COURSE.—In the Classical Course an effort is made to preserve the foothold of the ancient languages, Latin and Greek, and to afford to the student willing to submit to their invaluable and unsurpassed mental discipline the opportunity to obtain a solid classical education.

This course is specially recommended to students aiming at the learned professions.

— — —
LITERARY COURSE.—The Literary Course differs from the Classical chiefly in the omission of Greek and the substitution of fuller courses of Latin, German and French.

— — —
SCIENTIFIC COURSE.—In the Scientific Course the instruction in English and Modern Languages, and in Political Science and Psychology, is very similar to that in the Classical and Literary Courses. Instead of Latin and Greek are substituted a fuller course in Mathematics and an extended course in Physics, Chemistry and Biology, with two years laboratory practice in each.

This course is especially adapted to those who intend to study medicine or pharmacy, or to become Analytical Chemists, or who intend to devote their lives to any more purely scientific work.

— — —
ENGINEERING COURSE.—The Engineering Course differs from the Scientific in the greater prominence given to the industrial applications of the sciences, to manual training and drawing, and to special technical work in the direction of the student's inclination.

This course is adapted to the needs of those who intend to become Civil, Mechanical, Electrical, Mining, or Chemical Engineers, or Architects. In the Senior Year the equivalent of eight hours a week

of class work may be selected by the student, with the approval of the faculty, from a number of electives. This is designated in the scheme of studies as "Special Technical Work." The subjects from which selection may be made are Theory of Tools and Materials of Construction, Chemical Laboratory, Physical Laboratory, Applied Electricity, Applied Chemistry, and Civil Engineering and Architecture.

SPECIAL COURSE.

PRACTICAL ELECTRICITY.—A special course in Practical Electricity and related subjects is offered to such students as are unable to devote four years to the regular Engineering course. This course extends over two years, and includes instruction in Mathematics, Manual Training, Drawing, Physics, Chemistry, Practical Electricity and French. On the successful completion of this course, a certificate will be awarded indicating the character and amount of the work done. Applicants must be not less than sixteen years of age, and must be prepared to stand the regular entrance examination in Mathematics, including Arithmetic entire, Algebra through Quadratic Equations, and six books of Geometry.

The tuition is \$50 a session.

TULANE COLLEGE AND UNIVERSITY.

FACULTY—1891-92.

- WILLIAM PRESTON JOHNSTON, LL. D.,
Professor of History and Political Science.
- BRANDT V. B. DIXON, A. M.,
Professor of Metaphysics.
- JAMES H. DILLARD, A. M., L. D. (Washington and Lee University),
Professor of Latin.
- ROBERT SHARP, A. M., Ph. D. (Leipsic),
Professor of English and Greek.
- JOHN R. FICKLEN, B. LET. (University of Virginia),
Professor of English History and Rhetoric.
- J. HANNO DEILER, (Royal Normal College of Munich-Freising),
Professor of German Language and Literature.
- ALCÉE FORTIER,
Professor of French Language and Literature.
- J. L. CROSS, A. B. (Va. Mil. Inst.),
Professor of Mathematics.
- BROWN AYRES, B. SC., Ph. D., (Stevens Institute),
Professor of Physics.
- JOHN M. ORDWAY, A. M. (Dartmouth),
Professor of Applied Chemistry and Biology.
- JOHN W. CALDWELL, A. M., M. D.,
Professor of Chemistry and Geology.
- WILLIAM WOODWARD (Massachusetts Normal Art School),
Professor of Drawing.
- HENRY B. ORR, A. B., Ph. D., Jena, Germany,
Professor of Biology.
- JOSEPH F. JOOR, M. D.,
Professor of Botany.
- CHARLES G. GILL, Ph. D.,
Assistant Professor of Greek.
- JOHN W. PEARCE, A. M., Ph. D.
Assistant Professor of Anglo-Saxon.

CATALOGUE OF STUDENTS.

THIRTEENTH ANNUAL SESSION, 1890-91.

UNIVERSITY DEPARTMENT OF PHILOSOPHY.

- ANDERSON, DOUGLAS SMITH: A. B. Washington and Lee University, Va.; Physics, Applied Electricity, Chemical Laboratory, Manual Training and Drawing, French.
- CHURCHILL, CHARLES ROBERT: B. S. Tulane College, 1889; Chemical Laboratory.
- GESSNER, HERMANN BERTRAM: A. B. Tulane College, 1889; Physics, Chemistry, Biology, Laboratory Work.
- MAGONE, SARAH LOUISE: B. A. Wellesley, 1889; Anglo-Saxon and English Literature, Rhetoric, Latin.
- PARHAM, EUGENE CHILTON: B. S. Tulane College, 1890; Physics, Chemistry, French, Manual Training.
- WILCOX, LT. FRANCIS W.: U. S. Military Academy, West Point; Electrical Engineering.

SENIOR CLASS.

NAME OF STUDENT.	COURSE.	RESIDENCE.	PARENT OR GUARDIAN.
CONRAD, PAUL JOS. GERMAIN	Lit.....	266 Bayou Road.....	Paul Conrad.
DAVIS, LEE.....	Eng	Brunswick, Miss.....	Mrs. L. M. Davis.
LOMBARD, GERVAIS.....	Eng	314 Second street.....	E. H. Lombard.
REED, WARREN BETTISON.....	Eng.....	Camp and Leontine	Prof. L. C. Reed.
TOBIN, JOHN FRANCIS.....	Class.....	414 Esplanade.....	Mrs. M. F. Tobin.
TURNER, WILLIAM BALL.....	Lit.....	Pineville, La	Benj. Turner.
VON PHUL, WILLIAM	Eng	Port Allen, La.....	Mrs. W. von Phul.

JUNIOR CLASS.

BUTLER, FRANK NEWCOMB, JR.	Lit	398 Carondelet.....	F. N. Butler.
BUTLER, PIERCE.....	Lit	Natchez, Miss	J. P. Butler.
CALDWELL, JOHN WILLIAM- SON, JR.....	} Lit.....	{ 63 Prytania street.....	Prof. J.W. Cald- well.
DINKELSPIEL, EDWARD	Scien.....	286 Phillip.....	M. Dinkelspiel.
DUPRE, HENRY GARLAND.....	Lit	Opelousas, La	L. Dupre.
FOX, JOHN ANGELL.....	Lit.....	Jesuits Bend, La	Dr. D. R. Fox.

NAME OF STUDENT.	COURSE.	RESIDENCE.	PARENT OR GUARDIAN.
GENELLA, ALPHONSE.....	Lit.....	Soniat and Colliseum.....	Chas. Genella.
HUGUET, CHARLES KELLS.....	Eng.....	314 Carondelet.....	H. S. Bell.
HYNES, EDWARD.....	Eng.....	9 Music.....	John Hynes.
LOMBARD, JOHN EDWARD.....	Eng.....	314 Second.....	E. H. Lombard.
NEWMAN, HAROLD WEIL.....	Lit.....	55 Prytania street.....	M. W. Newman.
RAPP, JAMES HUGHES.....	Class.....	Vicksburg, Miss.....	J. K. Rapp.
RICHARDSON, THOMAS FARRAR.....	Scien.....	279 Foucher.....	H.B. Richardson.
RICKEY, HARRY W.....	Scien.....	492 Camp.....	R. S. Rickey.
ROSEN, CHARLES.....	Lit.....	Bayou Sara, La.....	Mrs. D. Alexander
VERGEZ, JOHN FREDERICK.....	Class.....	161 Baronne.....	Dr. F. Loeber.
WALLS, WILLIAM EDWARD.....	Lit.....	Algiers, La.....	Richard Walls.
WILLIAMS, SCOTT LEA.....	Lit.....	22 Conery street.....	Mrs. E. S. Williams.

SOPHOMORE CLASS.

BACKUS, SAMUEL HARRIS.....	Lit.....	5 North.....	A. V. Backus.
BARR, JOHN CHRISTIE.....	Eng.....	234 Laurel.....	Thomas Barr
BLAKE, FRANK POLK.....	Eng.....	247 Prytania.....	Mrs. F. D. Blake.
BLAKEMORE, ALLEN BRUCE.....	Class.....	280 St. Andrew.....	W. T. Blakemore.
BLOCH, EDGAR HENRY.....	Lit.....	Opelousas, La.....	Jos. Bloch.
BUCK, CHARLES FRANCIS, JR.....	Lit.....	118 Valence.....	Chas. F. Buck.
CALDWELL, BENJAMIN PALMER.....	Lit.....	63 Prytania.....	J. W. Caldwell.
CARTER, BENJAMIN PALMER.....	Eng.....	313 Ursulines.....	T. L. Carter.
CHEVREMONT, THEODORE.....	Lit.....	228 Royal.....	T. Chevremont.
DASPIT, JOSEPH OSCAR.....	Lit.....	Houma, La.....	O. Daspit.
DIXON, JAMES CARSON.....	Class.....	174 Louisiana Ave.....	B. V. B. Dixon.
GOLDBERG, ABRAHAM.....	Lit.....	Waterproof, La.....	M. Goldberg.
HARDIE, ROBERT TIMMONS.....	Class.....	229 Jackson.....	W. T. Hardie.
HAULARD, MARCEL VALENTINE.....	Eng.....	305 Bienville.....	L. Haulard.
JONES, HAMILTON POLK.....	Scien.....	156 Washington Ave.....	Dr. Jos. Jones.
JOOR, SAMUEL FINLEY.....	Eng.....	939 Laurel.....	Prof. J. F. Joor.
KITTREDGE, IVY GREEN.....	Lit.....	Albemarle, La.....	J. K. Kittredge.
LEBRETON, CHARLES.....	Eng.....	Charenton, La.....	E. LeBreton.
PERKINS, W. M.....	Scien.....	109 Coliseum.....	Mrs. B. Perkins.
PIERSON, EDWARD.....	Lit.....	Coushatta, La.....	J. F. Pierson.
TEBAULT, GRANTLAND LEE.....	Lit.....	7 North.....	Dr. C. H. Tebault
THIBAUT, PETER ARTHUR.....	Class.....	12 St. Ann.....	James Thibaut.
VINCENT, WINDER MONROE.....	Lit.....	511 St. Charles Ave.....	Geo. A. Vincent.

FRESHMAN CLASS.

ADLER, JULIUS.....	Scien.....	429 Canal.....	A. Adler.
AUGUSTIN, CHARLES DUPRE.....	Eng.....	206 Esplanade.....	Mrs. J. Augustin.

NAME OF STUDENT.	COURSE.	RESIDENCE.	PARENT OR GUARDIAN.
BRADY, EDWIN POPE	Eng	Waggaman, La.	J. S. Brady.
BRITTON, JOHN DYSON, JR.	Lit	250 Amelia	John D. Britton.
BRUNS, JOHN PEIRCE	Class	147 St. Charles	Mrs. M. P. Bruns.
BUTLER, CHAUNCEY WILLIAM	Lit	398 Carondelet	F. N. Butler.
CONNIFF, JOHN ROBINSON	Lit	720 Camp	John H. Conniff.
DIMITRY, MICHAEL DRACOS	Class	148 Annunciation	T. J. Dimitry.
DYMOND, WILLIAM	Scien.	Fourth and Chestnut	John Dymond.
FAVROT, LEOPOLD MORTIMER	Scien.	Port Allen, La.	Mrs. H. M. Favrot.
FORSYTH, DOUGLAS	Class	215 Louisiana Ave.	H. D. Forsyth.
GILL, THOMAS MAYNARD, JR.	Class	349 Carondelet	T. M. Gill.
HARDIE, HENRY MELLON	Lit	228 Phillip	John T. Hardie.
HYAMS, VALERY GAIENNIE	Eng	Natchitoches, La.	H. M. Hyams.
JONES, ACKLAND HARTLEY	Lit	222 Milan	Mrs. W. P. Jones.
KIBBE, M. U. PAYNE	Lit	Abbeville, La.	W. G. Kibbe.
KRUMBHAAR, CHAS. CONRAD	Eng	273 St. Andrew	W. B. Krumbhaar
LEMEE, ALEXIS MORSE	Lit	Natchitoches, La.	A. E. Lemeé.
LEVY, JACOB MEYER	Lit	Shreveport, La.	S. Levy, Jr.
LEWIS, WALTER STANFORD	Lit	207 St. Charles	Dr. E. S. Lewis.
LION, LEON ELI	Eng	240 Burgundy	E. Lion.
LOGAN, GEORGE KING	Eng	241 Prytania	Dr. S. Logan.
MATHIS, LOUIS JOHN JOSEPH	Eng	1329 St. Charles Ave.	Louis Mathis.
METESSER, CLARENCE	Eng	1838 St. Charles Ave.	Louis Metesser.
NEWELL, CARROLL HARPER	Scien.	St. Joseph, La.	J. D. S. Newell.
PERRILLIAT, LOUIS	Scien.	6 St. Ann	Chas. Perrilliat.
SCHERCK, LEON HENRY	Eng	439 Magazine	Louis Scherck.
SNIVELY, THEODORE C	Class	63 Chestnut	Rev. W. A. Snively
VAN LEAR, MATTHEW, JR.	Lit	Shreveport, La.	Rev. M. Van Lear
VILLAVASO, ERNEST	Lit	350 Josephine	E. Villavaso.
VILLERE, ST. DENIS JULIEN	Eng	447 Dauphine	E. C. Villere.
WATERMAN, CHARLES CATE	Eng	240 Jackson Ave.	T. S. Waterman.
WOLFE, UDOLPHO, JR.	Lit	712 St. Charles Ave.	Udolpho Wolfe.

SPECIAL STUDENTS.

ELECTRICAL ENGINEERING.

BARNES, CHARLES SAMUEL	New Orleans	206 Prytania street.
HARTMAN, JACOB YOKELY	New Orleans	148 St. Andrew street.
JACOB, ARTHUR WILLIAM	New Orleans	792 Magazine street.
MARTINEZ, EUGENE DOMINGO	New Orleans	971 Magazine street.
SAUNDERS, JOHN STAIGE	Evinston, Va.	13 Commercial Place
TERRY, CLIFFORD PENN	Pontchatoula, La.	418 Carondelet street.

LITERARY COURSE—IRREGULAR.

FORSYTH, WILLIAM BRADISH.....	New Orleans.....	215 Louisiana Ave.
HERNSHEIM, FRANK.....	New Orleans.....	963 St. Charles Ave.
HENRY, WALLACE B.....	New Orleans.....	474 Carondelet street.

PHARMACY AND MEDICINE.

CHAPLIN, PERCY T.....	Natchitoches, La.....	209 Camp street.
MALOCHEE, ALFRED P.....	New Orleans.....	971 Magazine street.
POLLOCK, ERNEST E. C.....	Algiers.....	30 Vallette street.
MYERS, SYLVAN.....	New Orleans.....	227 Carondelet street.

RECAPITULATION BY CLASS.

University Students.....	6
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COLLEGE.

Senior Class.....	7
Junior Class.....	18
Sophomore Class.....	23
Freshman Class.....	33
Special.....	13
Total.....	100

BY COURSE.

Classical.....	12
Literary.....	35
Scientific.....	10
Engineering.....	24
University.....	6
Specials, Electricity.....	6
Literary, Irregular.....	3
Pharmacy and Medicine.....	4
Total.....	100

GRADUATES 1890.

Degrees conferred at commencement, Thursday, June 19, 1890.

Bachelor of Arts:

HENRY MILLER GILL, RICHARD PEETE, JR.

Bachelor of Science:

EUGENE CHILTON PARHAM, ARMAND GEORGE ROMAIN, CHRISTOPHER
HAMILTON TEBALD, JR.

Master of Arts:

GEORGE URQUHART BORDE, A. B.

TITLED GRADUATES, 1883-1890.

- BORDE, GEORGE URQUHART: A. B., 1888; Instructor in Natural Science, 1889-90, A. M., 1890. Electrician of Edison General Electric Company, Atlanta, Ga.
- BORDE, ROBERT GEORGE URQUHART: A. B., 1884; A. M., 1885. M. D., Tulane, 1887. Practising Physician, New Orleans.
- BRADY, CULLEN MILO: A. B. 1889. Resident Student Charity Hospital, New Orleans, 1890.
- CARTER, THOMAS: A. B., 1889. Clergyman, New Orleans.
- CHURCHILL, CHARLES ROBERT: B. Sc., 1889. Sugar Chemist American Sugar Refining Company, 1890-91.
- DELAUF, SIDNEY PHILIP: B. S., 1883. Assistant Professor French and Mathematics Tulane, 1887-91; M. D. Tulane, 1890. Practising Physician, New Orleans.
- DELBERT, ALPHONSE FRANCIS: B. Sc., 1885. Instructor in Machine Construction and Drawing, 1887-91.
- DREYFUS, THEODORE WASHINGTON: A. B., 1889. Student Columbia College, New York.
- DYMOND, JOHN, JR.: A. B., 1888; B. L., Tulane, 1890. Attorney-at-Law, New Orleans.
- FENNER, ERASMUS DARWIN: A. B., 1888. Resident Student Charity Hospital, New Orleans, 1890-91.
- GESSNER, HERMANN BERTRAM: A. B., 1889. Assistant Librarian, Fisk, 1890; University student, 1891.
- GILL, CHARLES GRANDISON: B. Lit., 1884; A. M., 1885; Ph. D., 1887; Librarian Tulane, 1885-91. Secretary Tulane College Faculty. Assistant Professor Greek, Tulane, 1887-91.
- GILL, HENRY MILLER: A. B., 1890. Assistant Professor New Orleans High School, 1891.
- GRÖNEVALT, JOHN FREDERICK FREEBORN: A. B., 1884; A. M., 1885. M. D., Tulane, 1887. Surgeon U. S. Marine Hospital Service.
- HERO, WILLIAM SOMER: B. Sc., 1889. Louisiana Sugar Refinery, 1890. Clerk U. S. Sub-treasury, New Orleans, 1891.
- HOLLAND, ROBERT AFTON, JR.: A. B., 1886; A. B., Harvard, 1888. Residence St. Louis, 1890-91.
- JURGIELEWICZ, EDWARD ADOLPH: A. B., 1889. Clerk with I. L. Lyons & Co., New Orleans.
- LEWIS, HAMPDEN SIDNEY. A. B., 1887; Resident Student Charity Hospital, New Orleans, 1891.

- MCLEOD, WILLIAM CHARLES: A. B., 1887; B. L., Tulane, 1889. Attorney at Law New Orleans.
- MAAS, CHARLES OSCAR: A. B., 1888; Instructor in Physics, Tulane High School, 1889-90. Student Columbia Law School, N. Y., 1891.
- MALOCHEE, HENRY JOSEPH: B. S., 1889; Instructor in Drawing, Tulane, 1887-89. With Southern Electrical Manufacturing and Supply Co.
- PARHAM, EUGENE CHILTON: B. S., 1890; University Student, 1891.
- PATTON, MERCER WILLIAMS: A. B., 1889; B. L., Tulane, 1891.
- PERRILLIAT, ARSENE: B. S., 1883; Assistant Professor, Tulane, 1888-89. Board State Engineers, 1890-91.
- PEETE, RICHARD, JR.: A. B., 1890; Student Law, Tulane, 1891.
- POPE, BOLLING ANTHONY, JR.: B. S., 1885; M. D. College Physicians and Surgeons, New York, 1890. Resident Physician, Mt. Sinai Hospital, New York.
- RAINOLD, FRANK EDWARD EMILE: A. B., 1886; B. L. Tulane, 1889. Notary Public and Attorney at Law, New Orleans, 1891.
- RAYMOND, ALFRED: B. S., 1885; Electrician Edison Illuminating Co., New Orleans.
- ROMAIN, ARMAND GEORGE: B. S., 1890. Law Student.
- SCHERCK, LEWIS ALCUS: A. B., 1888; Assistant Librarian, 1889. Clerk Louisiana Electric Light and Power Co.
- SPENCER, WALKER BRAINERD: A. B., 1888. B. L., Tulane, 1891.
- STAFFORD, CHARLES BURKE: B. Lit., 1883; Librarian, 1885-86; B. L. Tulane, 1886. Attorney at Law, New Orleans.
- TEBAULT, CHRISITOPHER HAMILTON, JR.: B. S., 1890; Medical Student Tulane, 1891.
- VAUGHAN, THOMAS WAYLAND: B. S., 1889; Instructor Physics and Chemistry, Mount Lebanon, La.
- WHEELER, ARTHUR SEAVER: B. S., 1883; A. B., 1883; A. M., 1885; Assistant Professor of Biology Tulane High School, 1887-88. Veterinary Student at University of Pennsylvania, Philadelphia.

TULANE COLLEGE.

CLASS.	CLASSICAL COURSE.	Hours per Week.	LITERARY COURSE.	Hours per Week.	SCIENTIFIC COURSE.	Hours per Week.	ENGINEERING COURSE.	Hours per Week.
SENIOR	Psychology.....	4	Psychology.....	4	Psychology.....	4	Psychology.....	4
	Political Science (half year).....	3	Political Science (half year).....	3	Political Science (half year).....	3	Political Science (half year).....	3
	Rhetoric (half year).....	3	Rhetoric (half year).....	3	Rhetoric (half year).....	3	Rhetoric (half year).....	3
	German.....	3	German.....	3	German.....	3	German.....	3
	Latin.....	3	Latin.....	3	Chemistry (organic).....	3	Applied Mechanics.....	3
	English.....	3	English.....	3	Chemical Laboratory.....	6	Special Technical Work.....	8
	Greek.....	3	Forensics.....	2	Physical Laboratory.....	4		
JUNIOR	Latin.....	4	Latin.....	4	Chemistry.....	4	Chemistry.....	4
	Greek.....	4	French.....	4	Physics.....	4	Physics.....	4
	German.....	3	German.....	4	German.....	3	German.....	3
	English (half year).....	4	English (half year).....	4	English (half year).....	4	English (half year).....	3
	English History (half year).....	3	English History (half year).....	3	English History (half year).....	3	English History (half year).....	4
	Chemistry or Physics.....	4	Chemistry or Physics.....	4	Mathematics (half year).....	3	Analytical Mechanics and } 3	
					Physical Laboratory.....	4	Mathematics.....	3
SOPHOMORE	Latin.....	3	Latin.....	3	Chemical Laboratory.....	6	Physical Laboratory.....	4
	Greek.....	4	German.....	4	Chemical Technology.....	3	Chemical Laboratory.....	6
	French.....	3	French.....	3	Biology.....	3	Manual Training.....	5
	English (half year).....	3	English (half year).....	3	Drawing.....	5	Drawing.....	5
	Rhetoric (half year).....	3	Rhetoric (half year).....	3	French.....	3	French.....	3
	Mathematics (half year).....	4	Mathematics (half year).....	4	English (half year).....	3	English (half year).....	3
	Geology (half year).....	4	Geology (half year).....	4	Rhetoric (half year).....	2	Rhetoric (half year).....	3
FRESHMAN	Astronomy (half year).....	4	Astronomy (half year).....	4	Mathematics.....	6	Mathematics.....	6
					Geology (half year).....	4	Geology (half year).....	4
	Latin.....	4	Latin.....	4	Astronomy (half year).....	4	Astronomy (half year).....	4
	Greek.....	3	Biology.....	4	Drawing.....	5	Drawing.....	5
	Rhetoric and English.....	3	Rhetoric and English.....	3	Biology.....	3	Biology.....	3
	French.....	3	French.....	3	Rhetoric and English.....	3	Rhetoric and English.....	3
	Mathematics.....	5	Mathematics.....	5	French.....	4	French.....	4
	Greek and Roman History.....	2	Greek and Roman History.....	2	Mathematics.....	5	Mathematics.....	5
					Greek and Roman History.....	2	Greek and Roman History.....	2
					Manual Training.....	5	Manual Training.....	5

* Three hours for first half of year, five hours for second half of year.

Detailed Statement of Work in the Several Courses.

HISTORY AND POLITICAL SCIENCE.

PRESIDENT JOHNSTON.

History, as the record of the most important phenomena of humanity, furnishes material for thought in almost every line of study, stimulates the imagination, and furnishes examples and warnings in practical conduct; in a word, is "philosophy teaching by example." As such it occupies a central position in any scheme of liberal education, and, in view of its extent and value, should be pursued as a continuous study from the beginning to the end of the student's career.

Ancient History is taught by consecutive steps in the Freshman Class of all the courses by the Professors of Greek and Latin; and English History by the Professor of English History in the Junior Class. French History and German History are taught in their respective classes. The Senior Class attend a course of about fifty Lectures by the President, on Political Science and the History of Civilization.

FRESHMAN CLASS: Myer's History of Greece; Church's Stories from Virgil; Church's Stories from Livy; Allen's History of Rome; De Quincy's Cæsar. Some attention is given to special investigations by the class in the Library, and also to Map Drawing, two lessons a week. Helpful books are suggested by the Professor for parallel reading.

JUNIOR CLASS: D. H. Montgomery's Leading Facts of English History (used as a basis of work).

SENIOR CLASS: Lectures by the President. Books of Reference, Guizot's History of Civilization; Sir Henry Maine's Works; Tylor's Anthropology; Spencer's Sociology; Hegel's Philosophy of History; Woolsey's International Law; De Tocqueville's Democracy in America; H. Taylor's History of the English Constitution; Fisk's Civil Government.

MENTAL SCIENCE.

PROFESSOR DIXON.

The Study of Mental Science is undertaken by the Senior Class, Psychology and the History of Philosophy each being studied one-half of the collegiate year. The method of instruction, which is believed to be the best adapted to the subject, and which is therefore adopted, is a combination of lecture, recitation and discussion. The Professor meets his class four times a week throughout the session.

Text-Books: Psychology, John Dewey; History of Philosophy, Schwegler, translated by J. Hutchinson Stirling.

LATIN.

PROFESSOR DILLARD.

Latin is taught in the Classical and Literary Courses.

In the Freshman Class it is assumed that the student has gained some knowledge of the inflections of words, and has read at least five books of Caesar de Bello Gallico, or an equivalent amount of other prose.

The Freshman Class studies Mythology in connection with Ovid and Virgil; the Sophomores study Roman History in all regular Courses of the College (see under History and Political Science). Some time is devoted to Antiquities in the Junior year; and in the Senior, to Early Latin and the History of the Literature. The study of Metre goes hand-in-hand with the study of Poetry. Careful attention is given everywhere to the structure of the language, as set forth in the Grammars, exemplified in the daily readings, and practically applied in (weekly) compositions. Sight reading also is not neglected. The Judah Touro Medal is awarded in the Senior Class for excellent performance of work especially assigned each year.

FRESHMAN CLASS: Gildersleeve's Latin Grammar; Gildersleeve's Latin Exercise Book, Keightley's Mythology; Ovid; Virgil.

SOPHOMORE CLASS: Gildersleeve's Latin Grammar; Gildersleeve's Latin Exercise Book; History of Rome (see under History and Political Science); Cicero; Catullus.

JUNIOR CLASS: Gildersleeve's Latin Grammar; Gildersleeve's Latin Exercise Book; Antiquities; Horace; Livy.

SENIOR CLASS: History of Latin Literature; Earlier and Later in contrast with Classical Latin; Plautus; Juvenal; Tacitus.

Every student is expected to provide himself with Harper's Latin Dictionary, and a Classical Atlas (Ginn & Co.'s, or Kiepert's).

GREEK.

PROFESSOR SHARP; ASSISTANT PROFESSOR GILL.

The study of the Forms and Syntax will be thorough, and will be continued until they are well mastered. The History of the People and of the Literature, the Mythology, and the Antiquities will be studied with the best available helps. The course of reading will be comprehensive; and by the method used, it is intended to give as great a facility as possible in translating readily into English, and to make the student at the same time familiar with the beauty and strength of the language, and with the wisdom and power of the ancient masterpieces.

It is designed, by the study of word-formation, and by the constant comparison of the various processes of Greek Grammar and Greek Rhetoric, with the corresponding processes in other languages, and by the cultivation of the practice of translating into the nearest equivalent of strong, correct, idiomatic English, to give to the study of Greek a usefulness even beyond its apparent limit.

This language is studied only in the Classical Course.

TEXT BOOKS.

FRESHMAN CLASS: Hadley and Allen's Grammar; Jones's Exercises in Greek Prose Composition (completed); Lysias; Herodotus.

SOPHOMORE CLASS: Hadley and Allen's Grammar; Mahaffy's Old Greek Life; Allinson's Greek Prose Composition; Homer; Demosthenes; Reading at Sight.

JUNIOR CLASS: Jebb's Greek Literature; Thucydides; Euripides; Sophocles; Reading at Sight; Allinson's Greek Prose Composition.

SENIOR CLASS: Aristophanes; Æschylus; Plato; Murray's Mythology; Original Exercises.

LEXICONS: Liddell and Scott's Greek-English Lexicon (seventh edition); Yonge's English-Greek Lexicon; Autenrieth's Homeric Dictionary.

FOR REFERENCE: Goodwin's Greek Moods and Tenses; White's Schmidt's Rhythmic and Metric of the Classical Languages.

ENGLISH.

PROFESSOR SHARP.

The study of Literature and the study of the Language are combined. Selections from representative authors, from the 19th century back into the Anglo-Saxon, will be read and treated with reference to the two-fold end in view. That is, it is designed:

1. That the student shall realize the extent and richness of the English Literature as a whole, and shall acquire a knowledge of the more important points in detail. Stress is laid upon the careful reading and examination in the class room of the works taken up, while the place and importance of each as a part of the whole is considered. Annotated texts and notes by the professor will furnish help where it is needed.

2. That, at the same time, the student shall be able to observe in what he reads the development of our composite language, and to trace the history of our idioms and of our words and inflections. The textbooks in Philology and History of the Language supplement the course in this application.

In undergraduate work, the study of language, if entirely divorced from literature, if made the study of words and not of speech, must become dry and lifeless: language may be best studied when performing its one legitimate function, expressing thought. So, too, if we would make our own all that literature offers us, we must thoroughly acquaint ourselves with the means of its expression; hence the propriety of the plan here followed. The attempt is made throughout to arouse in the students the love and appreciation of good books.

This subject is taught in all the Courses of the Freshman, Sophomore and Junior years. In the Senior year, it is studied in the Classical and Literary courses.

FRESHMAN CLASS: Backus-Shaw's History of English Literature. Shaw's Specimens of English Literature. This class is taught at present in the History and Rhetoric Course.

SOPHOMORE CLASS: Period from Shelley back to Dryden. The reading is chiefly from the poets. Pelle's Philology.

JUNIOR CLASS: Dryden; Milton; Bacon; Shakespeare. Part of Lounsbury's History of the English Language. Notes by the Professor on the History of the Language.

SENIOR CLASS: Spenser; Chaucer; Studies from some of the Victorian Poets; Anglo-Saxon Grammar and Reader.

Selected works in prose and poetry are assigned in each class for parallel reading. Particular attention is paid to English metres. Essays upon the selections read are required from time to time.

ENGLISH HISTORY AND RHETORIC.

PROFESSOR FICKLEN.

These branches are studied in all the Courses. Rhetoric begins in the Freshman year, with a simple, practical text-book, while short essays in Narration and Description are made to illustrate the principles acquired. In the Sophomore and in the Senior class, half the year is devoted to the deeper study of Rhetoric. More advanced text-books are chosen; longer essays are written; and every effort is made to develop any vein of originality that a student may possess. Great stress is here laid upon Exposition, Argumentation, and Persuasion.

In the Senior Literary Course special instruction is given in Forensics, or the Art of Debate. Throughout the Senior Courses extensive extracts from the works of Macaulay, DeQuincey, Carlyle, and other writers are read and criticised. Thus it may be seen that Rhetoric is taught, not as a body of dry rules, but as a practical aid to clearness and force in writing and speaking.

In the Junior class English History is taught. Students are required to examine various works on history, and give the result of their investigations under the form of essays. The growth of English institutions and the progress of the people in general well-being are studied as fully as the time permits.

The text-books are:

FRESHMAN: A. S. Hill's Rhetoric; Herbert Spencer's Philosophy of Style.

SOPHOMORE: J. F. Genung's Rhetoric; "Sir Roger de Coverley."

JUNIOR: D. H. Montgomery's Leading Facts of English History, (used as a basis of work). For reference: Hume, Freeman, Froude, Macaulay, Green, Knight, McCarthy, the English Chronicles and other works.

SENIOR: Goodrich's British Eloquence, Genung's Rhetorical Analysis.

GERMAN.

PROFESSOR DEILER.

In the College there are two different Courses of German. In the Literary Course German begins in the Freshman year and is continued for three years.

LITERARY COURSE.

SOPHOMORE CLASS: Joynes-Meissner's Grammar, Narrative Prose.

JUNIOR CLASS: Grammar completed; Selections from various authors; Conversation; Geography and History of the German Empire.

SENIOR CLASS: Review of Grammar; History of German Literature; Conversation; Composition; Lectures on and selections from the principal authors of the different periods; Selected Classical Plays; Heath's Dictionary.

Nothing but German is spoken in this class, and every effort is bent toward giving the student the ability to express himself in German in *speaking* as well as in *writing*.

There is also a two years' Course of German in the College, which extends over the Junior and Senior years. This course is obligatory for all students except those of the Literary Course. In this two years' course the student will master the principles of Grammar, acquire by reading a fair vocabulary, and be able to translate the *written* language accurately and readily.

FIRST YEAR: (Joynes-Meissner's Grammar;) Geography and Political History of the German Empire.

SECOND YEAR: (Joynes-Meissner's Grammar;) Lectures on the History of German Literature; Selected Plays; Heath's Dictionary.

The selections read in the Senior classes of all the courses will be changed from year to year.

FRENCH.

PROFESSOR FORTIER.

In a city like New Orleans, where so many persons speak French, and where we meet at every step with the souvenirs of the early colonists, the French language must be taught, as far as possible, like a mother tongue. French is not a foreign language in Louisiana, and the way of teaching it must vary from that of the other colleges in the United States. The course must be theoretical and scientific, but, above all, literary and practical. Our graduates must know thoroughly the geography, history and literature of France, and must be able to speak the language to those whom they meet in their daily pursuits, many of whom, in the country parishes, speak very little English.

In the Classical, Scientific and Engineering Courses, the instruction in French begins in the Freshman Class, and ceases after the second or Sophomore year. In the Literary course the instruction extends a year longer, and is then entirely scientific and literary.

There is also a special Freshman Class for the students who already have some knowledge of French. In that class the instruction is given entirely in French.

By referring to the following course, the method of instruction can be readily understood:

In the Freshman year the pupil learns the grammar of the language and the history of France, has his ear accustomed to the French sounds, and can read any light work, such as a tale or a comedy. He is thus prepared for the Sophomore Class, in which, in his French studies, he abandons completely all books written in English. The reading consists of the best works of the seventeenth and eighteenth centuries. In the Junior Class, four hours a week are devoted to French, so that the students, who have heard nothing spoken in class but French for two sessions, have learned how to speak the language and how to write it.

For candidates for the degree of Master of Arts, a class will be established for a critical study of the different periods of French literature.

Students from the country and neighboring States may obtain board in French families where French is correctly spoken, and the Faculty will aid them in making such arrangements.

Freshman Class—Edgren's French Grammar; Montgomery's Leading Facts of French History; Labiche et Martin's "La Poudre aux Yeux;" de Vigny's "Le Cachet Rouge;" Fortier's "Sept Grands Auteurs du Dix-Neuvième Siècle."

Sophomore Class—Larive et Fleury's Troisième Année de Grammaire; Blouet's Class Book of French Composition; Littérature Fran-

çaise de Ricard; Corneille's "Polyeucte;" Racine's "Britannicus;" Molière's "Les Précieuses Ridicules;" "Les Femmes Savantes;" Voltaire's "Zaïre."

Junior Class—Bonnefon's *Ecrivains Modernes de la France*; de Julleville's "Le Théâtre en France;" Gaston Paris' "Extraits de la Chanson de Roland et de la Vie de Saint Louis;" Crane's "Le Romantisme Français;" V. Hugo's "Hernani."

MATHEMATICS.

PROFESSOR CROSS.

To enter the Freshman Class, a knowledge of Algebra as far as Quadratic Equations and Plane Geometry is required. This class assembles five times a week for recitation. The completion of Algebra as far as the solution of general equations and Solid Geometry will be the work of the first term of the session. Plane Trigonometry, Surveying and two chapters on the Theory of Determinants, by Hanus, will constitute the work of the second term. Students of this class will be required to apply the principles demonstrated, especially in Geometry, to the solution of original practical problems.

Students of the Sophomore Class, in the Classical and Literary courses, will have four lectures a week during the first term of the session. They will study Plane Analytic Geometry and Faunce's Descriptive Geometry. This completes the Mathematics for these courses. The Engineering and Scientific students of this class will have, for the first term, in addition to the above, two hours a week in Spherical Trigonometry, and Geometric, Algebraic and Trigonometric problems. For the second term, they will have Analytic Geometry of Three Dimensions and Differential Calculus.

In the Junior Class, students in the Engineering Course will study Integral Calculus, Shades and Shadows, and Linear Perspective to the 1st of January, after which time they will take up Analytical Mechanics.

The College is provided with fine Instruments, and field practice will be given, sufficient to familiarize the students with the use of the Transit, Compass, Level and Surveyor's Cross.

TEXT BOOKS.

Wentworth's Plane and Solid Geometry; Wentworth's Complete Algebra; Loomis' Trigonometry and Logarithms (Revised Ed.); Hanus' Determinants; Loomis' Analytic Geometry; Faunce's Descriptive Geometry; Buckingham's Differential and Integral Calculus; examples from other authors; Church's Shades and Shadows by Lectures.

APPLIED MATHEMATICS.

PROFESSOR ORDWAY.

Analytical and Applied Mechanics are taught in the Engineering course in the Junior year. The principles of Analytical Mechanics are fixed in the mind by continual exercises on problems. In Applied Mechanics, which is taken up in the Senior year, the aim is to give students a general and practical knowledge of the mechanics of structures and machines. The leading topics considered are the various kinds of frames, the straining actions on loaded beams and structures, the geometry of gearing, the dynamics of the steam engine and other motors, frictional resistances, stiffness and strength of materials, etc.

The text-books are:

In Applied Mechanics, Cotterill and Slade; and in Analytical Mechanics, Wood; Civil Engineering, Wheeler; Surveying, Johnson.

PHYSICS.

PROFESSOR AYRES.

The instruction in Physics begins in the Junior year, four hours a week being given to it. This class is required of all students in the Scientific and Engineering Courses while it is an elective with Chemistry in the Classical and Literary Courses. The instruction consists of fully illustrated experimental lectures, recitations on the lecture notes and on the text, and the solution of numerous practical problems. A full presentation is given of the applications of physical principles that are now so important in the arts. The steam engine, the telegraph, the telephone, the electric light, the electric motor, the theory and use of the sugar polariscope, all receive due attention. Every needed appliance is at hand for the projection of diagrams, pictures, experiments, microscopic objects, etc., either by sunlight or by the lantern, and frequent use is made of this very satisfactory method of class demonstration. The students are very thoroughly drilled on the application of the simpler mathematics to the solution of physical problems.

In this year the students in the Scientific and Engineering courses have in addition four hours a week of laboratory work. For the first half session the work consists of the exact study of units, comparisons of units, precise weighings, determinations of density, the establishment of the laws of elasticity, capillarity and radiant heat, barometric readings and reductions, determinations of the intensity of gravity, standardizing

and calibration of thermometers, determinations of specific and latent heats, vapor densities, expansions, etc. For the second half session the work consists of optical, electrical, and magnetic measurements, introductory to the higher work in these subjects in the Senior year.

In the Senior year the students in the Scientific course have four hours, and those in the Engineering course that may choose physical laboratory work as one of their electives have six hours a week in optical, electrical and magnetic measurements. They determine refractive indices, angles of crystals, wave lengths, focal lengths, and radii of curvature of lenses and mirrors, and establish the laws of the interference and diffraction of light. They study spectrum analysis, and map prismatic and diffraction spectra, learn the use of the microscope, and study with some degree of thoroughness the subject of polarized light. In electricity and magnetism, they determine galvanometer constants, measure resistances of conductors and batteries, electromotive forces and potentials, capacities, insulation resistances, magnetic declination and intensity, etc.

In addition to the usual facilities, the lecture room and laboratory are supplied with electric current for arc and incandescent lights and for electric motors. This current is under perfect control by means of large resistance coils of German silver and iron wires, by which any current up to fifty or more amperes can be obtained with great ease.

The text-books are:

JUNIOR CLASS: Daniell's Principles of Physics; Stewart and Gee's Practical Physics, volumes I, II and III.

SENIOR CLASS: Stewart and Gee's Practical Physics, volumes II and III.

Supplemental to the above undergraduate instruction, there is each year a course of more advanced theoretical lectures on some department of Physics. These lectures have at different times dealt with the theory of electricity and magnetism, physical optics and thermodynamics. During the session of 1890-91 the subject treated was thermodynamics; during the session of 1891-92 it will probably be physical optics and electromagnetism, leading up to the electromagnetic theory of light.

PHYSICAL APPARATUS.

The instrumental equipment of the Department of Physics is quite full and excellent. The instruments are of the most approved forms, and are from the best makers of this country and Europe.

The apparatus is principally from the following celebrated makers: Ritchie, Queen, Green and Becker, in this country; Browning, Patter-

son and Cooper and Elliott Brothers, London; White, Glasgow; Duboscq, Hoffman, Carpentier, DeMeritens and Breguet, Paris; Edelmann, Munich; Rueprecht, Vienna; Société Gènevoise, Geneva. It is selected with special reference to accurate measurement, and there is sufficient duplication to allow of the successful working of classes in the laboratory. It is believed that in these respects it is not equaled by any similar equipment in the South.

APPLIED ELECTRICITY.

PROFESSOR AYRES.

In addition to the laboratory work and theoretical instruction in Electricity and Magnetism, there is a course of lectures and practical demonstrations and exercises on the applications of electricity to lighting and the distribution of power, and to telegraphy and telephony. This work is an elective in the Senior year of the Engineering Course, but is also open to special students. In these lectures the subject is treated from a practical yet thoroughly scientific standpoint, and the student who has successfully completed the course, in addition to the laboratory and other electrical work referred to above, is well equipped for an electrical career.

For the purposes of this course the laboratory has a number of dynamos and motors of different forms and capacities, and a variety of telephonic and telegraphic apparatus. Among the more prominent of these machines may be mentioned a seven and a half horse-power Sprague motor, a one horse-power De Meritens machine, a two horse-power Baxter motor, a small Grainme machine, and two Edison dynamos with all accessories, which are installed so as to form a complete model three-wire system, with its lamps, mains, feeders, pressure wires, amperemeters, indicators, etc.

The subject of alternating current distribution is studied by means of an alternating machine of the Stanley type designed by the Professor and constructed largely in the laboratory. This machine, while amply large to illustrate all the phenomena of inductance (transformers, etc.), is operated at a potential that is perfectly safe.

A plant of Planté and Julien storage batteries gives the means for studying the phenomena of this class of energy transformers.

Among the measuring instruments for strong currents may be mentioned amperemeters from Ayrton and Perry, Bergmann & Co., and Carpentier, and a Thomson Electric Balance from White, as well as two tangent galvanometers of about three feet in diameter. These afford

the means for all classes of current measurement up to fifty or more ampères, either direct or alternating. Among volt meters may be named the Ayrton and Perry, Weston, Carpentier, Howell and Cardew, as well as other arrangements operating by the potentiometer, high resistance and electrostatic methods.

A darkened room with Bunsen photometer and Methven standard gives the means for the study of luminosity.

The practical work includes the testing of the machines for conductor and insulation resistance, the study of the law of the electromagnet in dynamo machines, the determination of the strength of field in absolute measure, the mapping of the characteristics of shunt, series, and compound machines, the determination of the electrical and commercial efficiencies of dynamos and motors, the determination of the candle powers of arc and incandescent lights, and the study of the influence on them of varying conditions of potential, etc. Some practice is also had in laying out installations and in designing machines and appliances to fulfil definite conditions.

In the lectures the theory of all these subjects is fully treated and methods of distribution, construction and regulation are discussed from the economic standpoint. The course is based upon Thompson's Dynamo-Electric Machinery, Slingo and Brooker's Electrical Engineering and Fleming's Alternate Current Transformer; but frequent reference is made to the works of Kapp, Hopkinson, Esson, Dredge, Hering, Kennedy and others, and to the current electrical literature. The leading electrical journals of America and Europe are regularly received and are accessible to the students.

ASTRONOMY.

PROFESSOR AYRES.

Astronomy is studied by all the students in the Sophomore year. The course is made as practical as possible, and meetings at night are arranged to locate the reference planes and otherwise study the face of the heavens. Practical demonstrations are given of the methods of determining latitude, longitude, right ascension and declination, the rating of clocks, and other astronomical observations bearing on navigation. Frequent practice is had in the solution of the astronomical triangle. The use of the spectroscope and of photography in astronomical researches is also practically demonstrated. The course is illustrated by two five-inch portable telescopes, one equatorial and one alt-azimuth, a sextant, a small transit instrument, a break circuit clock

and chronograph, a heliostat, several spectroscopes and a full photographic equipment,—as well as by globes and models and a collection of astronomical lantern slides. Four times a week for a half year.

Text-books: Young's General Astronomy.

The equipment of this Department has been materially improved by the presentation of an equatorial telescope of superior quality. This donation was made by Mr. J. R. Beckwith, of New Orleans, and has increased value as the product of his own skill and labor.

CHEMISTRY.

PROFESSOR CAIDWELL.

In the Junior year the subject of Chemistry is taken up by all the students of the Scientific and Engineering courses, and by such students of the other courses who elect this study in the option between Chemistry and Physics. Four hours a week through the entire year are devoted to the consideration of the general principles of the science and to Inorganic Chemistry, the method of instruction being by lectures and recitations.

The lectures are very fully illustrated by experiments, and problems on the cost of manufacture and the quantitative relations of products to the materials from which they are made, form a radical feature of the course. Special attention is directed to the relations of Chemistry to the industries of the country. The reduction of ores, the manufacture of iron and steel, of porcelain and pottery, of explosives, all are noticed incidentally. The students of the Scientific and Engineering courses have, in addition to this class, six hours a week of laboratory practice. They repeat in the laboratory a selected number of lecture experiments, prepare a series of the salts of the metals, and thus become familiar with the ordinary mechanical operations of the laboratory. They also gain some insight during the year into qualitative and blow-pipe analysis.

In the Senior class the students of the Scientific course devote three hours a week in the class room to Organic Chemistry, and give some attention to Crystallography and Mineralogy. They also continue their laboratory work, six hours a week being thus occupied. They complete the subject of Qualitative Analysis and pursue a course of Quantitative, Gravimetric and Volumetric Analysis, and have some practice in Organic Analysis. Instruction will be given in Assaying by dry and wet methods. Those who desire, may give some attention

to sugar-testing and analysis, by both polariscopic and chemical methods.

Text-Books:

Remsen's Chemistry (advanced course); Jones' or Clowes' Practical Chemistry; Sexton's Quantitative Analysis; Dana's Mineralogy.

For reference—Fresenius' Qualitative and Quantitative Analysis; Sutton's Volumetric Analysis; Tucker's Sugar Analysis; Mitchell's Manual of Practical Assaying.

CHEMICAL LABORATORY.

The laboratory has recently been enlarged, and is capable of accommodating about thirty students, working simultaneously. It is conveniently fitted up, and is sufficient for the present needs of the institution. The apparatus is being enlarged and improved from year to year; an important addition lately made is an electrical arrangement whereby electrolytic processes are able to be very expeditiously and conveniently conducted.

APPLIED CHEMISTRY.

PROFESSOR ORDWAY.

Engineering students, and graduates who intend to devote themselves to arts in which chemistry is concerned, will receive special laboratory instructions in Applied Chemistry, under Prof Ordway, who has had many years' experience in the management of large chemical manufactories. Particular attention will be directed to investigations, having reference to economy and excellence of production.

For convenience in obtaining steam, and handling fuel, the operations will be carried on for the present on the premises of the mechanical workshops.

As the industries of our country are extending, there is an increasing demand for expert chemists and metallurgists; and it is hoped that some of our students will find in the chemical arts a good field for their life work.

GEOLOGY.

PROFESSOR CALDWELL.

The entire Sophomore class will devote four hours a week, for the first half year, to the subject of Geology,

The course will be conducted by text-book, lectures, and illustra-

tions. It will be the aim of the Professor to impress the facts and principles involved in Dynamical Geology—to make real to the mind the theory of the Earth's gradual passage from one stage of its history to another, by the agency of forces such as are now seen to be operating in the world around; to study the Earth's structural character and relations, and to show how, from these, a historical view may be obtained of this developing globe; to consider organic life as it is expressed in the fossils of the various strata, and to discover, if possible, the connection between the successive fauna and flora; also to indicate the practical value and results of the science. All the divisions of the course will be fully illustrated by the use of the collections of the Museums of this Institution.

Text-Book: LeConte, or Geikie.

BIOLOGY.

PROFESSOR ORR.

This subject is studied throughout Freshman year by all students save those in the classical course. Students in the scientific course continue the study during the Sophomore and Senior years. The primary object of the instruction will be to impart a general idea of the phenomena of life, also to give an outline of the present theories of evolution, variation and heredity. In the first year's work it is intended to give such general knowledge as is necessary to a liberal education. The later work in the scientific course, beside its value as the study of a science for itself, is recommended as affording a useful foundation for the study of medicine.

Instruction is given by laboratory work, text-books and lectures. The laboratory is a well-lighted room, well supplied with microscopes, charts, dissecting instruments, aquarium, a Thoma microtome of the best pattern, staining reagents, etc. A good collection of biological literature and standard works is in the library.

In Freshman year, the first half is devoted to the study of plant anatomy and physiology, and the examination of the principal forms of the vegetable kingdom—from the microscopic cryptogams to the phanerogams. For this work a text-book is used (Bessey's Botany, Briefer Course), there being two recitations and two hours of laboratory work in each week. The second half of Freshman year is devoted to the study of the animal kingdom, including the anatomy, histology and physiology of the different classes of animals, their development, rela-

tionship, distribution and various theories of evolution. The work consists of two lectures and two hours of laboratory work in each week.

The lectures will be illustrated by specimens from the museum.

Sophomore year is devoted to the more detailed study of vertebrate anatomy, histology and physiology. This is carried on by laboratory work and recitations, five hours a week being given to the subject. Martin's "Human Body" is used as the text-book and the rest of the work is made illustrative and comparative.

In Senior year six hours a week are devoted to laboratory work and the study of embryology and morphology. The object is to give the student some acquaintance, at first hand, with the changes occurring in the developing germ. The general methods of microscopical investigation will be studied, and in the latter part of the year some special investigation will be carried on by the student under the direction of the Professor.

To students wishing to pursue a post-graduate course, or more especially to undertake original investigations, every encouragement and facility will be supplied as far as the means of the department will allow. The present equipment of the laboratory is particularly well adapted for the purposes of those desiring to study the microscopical anatomy, embryology, or general morphology of any of the organisms which occur in this region and which make this region a rich field for investigators.

DRAWING.

PROFESSOR WOODWARD.

Drawing is continued in the Scientific and Engineering Courses of the College. The instruction in these courses embraces Machine Drawing, Historical Design and Clay Modeling—branches of great practical as well as disciplinary value. In the Scientific Course students are required to practise drawing in connection with the work of the Biological Laboratory as of great service in training the mind to nicety in observation. The advanced work of these courses will also include Architectural Drawing when desired to meet the special wants of students in that direction.

MECHANICAL WORK.

PROFESSOR ORDWAY.

In the Scientific and Engineering Courses the shop work of the High School is continued through the Freshman year. In the Engineering Course it runs through the Freshman, Sophomore, and Junior years. This advanced work includes forging, brazing, chipping and filing iron,

and lathe work. In the Senior year the students of the Engineering Course attend lectures on Tools, Manufactures, and Materials of Construction.

For those who are looking forward to the mechanical engineering profession opportunity is also offered for experimental work in the production, managing, and testing of steam, and in the use of the steam engine indicator.

The shop work, drawing, and some experimental work, are carried on in the well-lighted and ventilated building at the corner of Lafayette and Dryades streets.

The carpenter shop is furnished with thirty independent benches, each supplied with a set of all the tools required. The wood-turning room, which receives power from below, is provided with thirty lathes and pattern-making benches, two jig saws, a grindstone, a large pattern-maker's lathe, a buzz planer, a circular saw. The last two machines the students are not allowed to use, except under the immediate supervision of the instructor.

The forge room contains thirty forges, with fan blast and smoke-exhausting arrangement. The machine room contains the steam engine, a grindstone, a machine drill, a hand drill, an iron planer, a shaper, an emery wheel and a buffing wheel, six engine lathes, six speed lathes and fifteen vise benches. The wash room, in the rear of the dressing room, is supplied with hot and cold water.

A tinsmith's shop has been annexed lately, so that the students, during the warm months of the school year, may have practice in soldering and brazing instead of the heavier work of forging.

To every student of the Engineering Course is given a liberal hand work training—that is, he is not allowed to take only one branch, but he is expected to work at all the different branches in succession; carpentry and joinery, wood-turning and pattern-making, with some wood-carving, forging, chipping and filing iron, soldering and brazing, and the use of machine tools in working iron, steel and brass.

Thus the student not only learns how tools are used, but he also gains a practical understanding of the nature and limitations of materials. The shop work affords intellectual discipline, as it requires thought in planning and exactness in execution. It furnishes healthful bodily exercise and gives one confidence in his own constructive ability.

Though, from the educator's point of view, the utilitarian or economic aspect of hand work may be of little importance, yet no study or school exercise can be looked on as any the worse because it admits of application to matters of real life. Work shop practice is really a highly valuable part of engineering laboratory work.

GENERAL INFORMATION.

ADMISSION.

Applicants for admission to the College must not be less than 16 years of age.

ENTRANCE EXAMINATIONS—SEPTEMBER 29 AND 30.

Candidates will be examined upon the following fundamental requirements for all the courses:

English.—Patterson's Advanced Grammar, Dalgleish's Grammatical Analysis.

History.—School History of United States, School History of England.

Mathematics.—Arithmetic—entire. Algebra, through Quadratic Equations. Geometry, six books.

In addition to the above, the following requirements are prescribed for the respective courses:

CLASSICAL COURSE:

Latin.—First sixty pages of Gildersleeve's Latin Exercise Book, Four books of Cæsar de Bello Gallico, or equivalents; Gilman's History of Rome.

Greek.—Three books of Xenophon's Anabasis, Twenty Lessons in Greek Prose Composition, Jones; Harrison's History of Greece, or equivalents.

LITERARY COURSE:

Latin.—First sixty pages of Gildersleeve's Latin Exercise Book, Four books of Cæsar, Gilman's History of Rome, or equivalents.

SCIENTIFIC COURSE:

Descriptive Geography, entire.

Physics.—Balfour Stewart's Physics Primer.

Chemistry.—Roscoe's Chemistry Primer.

Latin.—The equivalents of two years of faithful study. Gildersleeve's Latin Primer and Reader, entire. Three books of Cæsar, or equivalents.

ENGINEERING COURSE:

Descriptive Geography, entire.

Physics.—Balfour Stewart's *Physics Primer*.

Chemistry.—Roscoe's *Chemistry Primer*.

Latin, French or German, two years faithful study, *e. g.*:

Latin.—Gildersleeve's *Primer and Reader*, entire. Three books of Cæsar, or equivalents.

French.—Chardenal's *First French Course*. Whitney's *Practical French Grammar*, or Edgren's *French Grammar, Super's French Reader*. Equivalent work will be accepted.

German.—Geography [and Political History of the German Empire, Joynes-Meissner's *German Grammar*, Gostwick and Harrison's *History of German Literature*. An equivalent amount of work in other books will be accepted.

Applicants for admission to any advanced class or special course of the College or University will be examined on a fair equivalent of the studies previously completed by the class or course.

Graduates of the following named schools will be admitted to Tulane College, without examination, upon the presentation of certificates from the principals of said school attesting the preparation and fitness of the candidates upon the requirements prescribed for admission to the respective courses:

Tulane High School.

New Orleans City High School.

L. C. Ferrell's Select School for Boys.

T. W. Dyer's School.

A. S. Leche's Graded School.

Thatcher Institute, Shreveport, La.

It is of great importance that all students shall enter promptly at the beginning of the session. A delay of a few days may affect injuriously the progress and standing of the student for the session.

MEDALS.

Special prizes for marked excellence and for superior attainments are annually given upon commencement day, in the form of gold medals. These are designated as:

I. Glendy Burke Medals, which are awarded, one for elocution, one for superior attainments in mathematics and one for an English Essay.

II. The Judah Touro Medals, awarded for excellence in Latin, in Greek and in Ancient History.

III. A Louis Bush Medal, for the best Essay in the French language.

No medal is awarded except when marked excellence is exhibited in the subject of the competition.

In all cases where the awarding of medals is not distinctly specified by the terms of the donation, the students must compete on basis of work above and beyond the prescribed course, said work to be assigned by the faculty at the end of each session for the succeeding session.

All medals, except the one for elocution, are open to competition on the part of all undergraduates in the regular courses in the College. In the case of the Elocution medal, however, competition is restricted to such undergraduates as are members of Literary Societies recognized by the Faculty. But no medal shall be awarded to any student who has failed or been conditioned for the session at the close of which it is awarded.

For the session closed June 19, 1890, Glendy Burke Medals for Elocution were awarded to James H. Rapp, Class of '92 and to Joseph O. Daspit, Class of '93.

The Louis Bush Medal for French Essay was given to Marcel V. Haulard, Class of '93.

The Glendy Burke, Judah Touro and Louis Bush funds, from the proceeds of which these medals are given, were donated for the purpose by the generous persons whose names they bear, and who have thus become identified with the history of the University.

DEGREES AND DIPLOMAS.

Students satisfactorily completing the Classical or Literary Course will receive the degree of BACHELOR OF ARTS, and students completing the Scientific or Engineering Course will receive the degree of BACHELOR OF SCIENCE. Students of conspicuous ability, industry and attainments, will be graduated with "distinction."

Students pursuing special courses will not be entitled to diplomas or degrees.

LITERARY EXERCISES.

General Literary Exercises for the purpose of encouraging the arts of Essay Reading and Elocution will be held weekly in Tulane Hall,

on which occasions all students of the College will be expected to be present and participate. The exercises will be under the immediate direction of the Faculty, the members of which will criticise and correct the several efforts of the students.

Students are urged to join one of the Literary Societies of the University, which are recognized as agencies of great value and importance in the same direction. Contestants for the Glendy Burke Medal for Elocution must be members of one of these societies, and recommended for the contest by a majority vote of their respective organizations.

The societies recognized by the Faculty are the Glendy Burke and the Tulane Literary Society.

SCHOLARSHIPS.

The University grants about one hundred and fifty scholarships in the Collegiate and High School Departments, which are filled by nominations from the State Senators and Representatives and by the Mayor of New Orleans.

The Administrators, in accordance with the terms of the act establishing the University, have adopted the following rules in regard to the candidates for the scholarships to be filled:

First—As provided in said act there shall be one such scholarship for each Senator and each Representative in the State, and it shall confer the privilege of free tuition.

Second—Whenever a vacancy exists in the scholarship it may be filled by the then sitting member for that district; provided, however, that the vacancy must be filled before the expiration of his term, otherwise his successor shall make the nomination.

Third—The candidate must be a *bona fide* resident of the district or parish from which he is appointed; that is, his parents, or guardian, shall be domiciled in said parish or district.

Fourth—He must be a white male youth, thirteen years of age, to enter the High School, or sixteen years of age to enter the College.

Fifth—He may enter any regular class for which he is found prepared, after satisfactory examination by a committee appointed for that purpose by the President of the University. No candidate will be accepted or allowed to matriculate who is not at least qualified to enter the High School of the University.

Sixth—His application for admission to the University must be in writing, stating the name and postoffice address of his parents or guar-

dian; the date of his birth; and if his parents do not reside in New Orleans, the name of a responsible citizen, resident here, who will act as his guardian.

Seventh—Accompanying his letter of application he must present his credentials. His nomination shall be made out in the following terms:

I, A B.....for the
State of Louisiana, hereby nominate.....
son of..... and.....to fill the
vacancy in the scholarship in the Tulane University of Louisiana, ac-
corded me as.....from this.....

The said.....is a male white youth,
thirteen years of age, of good moral character, and a *bona fide* resident
of the said.....

[Signed]

.....from.....

Eighth—In order to identify the signature to such appointment of the Senator or Representative making it, his signature must be acknowledged by him before some competent State official.

Ninth—Before matriculation the said scholar must sign a promise to obey, in good faith, the laws of this State and of the University, and to conduct himself as a good student and as a gentleman. He will then matriculate, and will be furnished with a certificate thereof, will be enrolled on the books of the University, and considered a member of the Academic Corps, and subject to its regulations, until graduation, resignation, death, or dismissal. The President shall assign him to such class or classes as his examination shows him competent to enter.

The number of free scholarships during the past season has been:

In the High School.....	72
In the College.....	52
Total	124

By whom appointed:

Representatives.....	45
State Senators.....	35
Mayor of New Orleans..	10
Board of Administrators.....	44
Total	124

By a resolution of the Administrators of the University, an additional scholarship in Tulane College is annually awarded to that student

of the Sub-Freshman Class who shall be selected by the Tulane High School Faculty as most distinguished for scholarship, deportment, and punctuality, and another is awarded in like manner to the City High School.

DISCIPLINE.

Tulane University is, in tone, Christian, but not sectarian. This is the spirit it strives to inculcate. The discipline of the institution is mild, but firm. The students are presumed to be gentlemen, and a high standard of honor and truthfulness is inculcated and maintained. When a student is found deficient in either, or is so delinquent in industry or punctuality as to offer a bad example to his comrades, his parents are respectfully notified to withdraw him. Habitual immorality, or any gross breach of discipline, is visited with suspension, dismissal, or expulsion, according to the circumstances.

In order to avail itself of the full benefit of parental aid and control in securing good conduct and punctuality, the University advises parents *immediately* of all cases of bad conduct, absence or tardiness by their sons. Monthly reports of class standing, progress, and conduct, are also sent; and, at the end of each half session, a circular summarizing those facts, together with the results of his examinations.

Students whose parents do not reside in the city are required to have a guardian, who shall stand in the place of a parent, and to whom reports are made.

University students will be allowed the fullest freedom consistent with good order.

The regularly matriculated students of Tulane College constitute its Academic Corps and elect a Board of Directors, to which for the past five years has been intrusted the general discipline of the Academic Corps. This system has worked satisfactorily.

TULANE HIGH SCHOOL.

Three years are allotted to the academic life of the HIGH SCHOOL, which should fit the pupil for the College, or for an ordinary practical business career. Throughout the High School the attempt will be made towards a normal adjustment of that physical, mental, and moral training, which is so much praised and so little practiced. The hand, the eye, and the muscles are trained by the handwork in wood and iron, which is now admitted to be the true basis of the best mechanical education, and is claimed to confer so many other benefits. We recognize in it a most useful adjunct in all efforts for a harmonious human evolution, and that it has its place in all thoroughly coördinated schemes of education.

The purpose throughout is *training*; the means employed are those branches best adapted to considerable bodies of students. But we do not expect or desire manual training to supersede, or to be substituted for, other well established courses of training sanctioned by the experience of wise and conservative men. Our motto is, "Evolution, not Revolution."

Hence the Manual Training School is not a separate department of Tulane University, but the laboratory in wood and iron, where instruction and practice render the student quick, observant, and accurate with the eye, ready, skilful and exact with the hand, and able to think *in* things as well as *about* them, and to execute as well as to describe.

In this physical and mechanical training, Drawing is considered fundamental, and enters into every course. All students who enter the High School learn to draw as a matter of general instruction, while those who propose to follow a mechanical or engineering career must necessarily study with reference to its practical application,—carry it to its last results in the applied arts.

Penmanship and Accounts are also taught as practical studies.

Another branch of knowledge which every student is taught is Physiology and Hygiene. It is taught by lectures especially adapted to the age and advancement of young students, and by examination on suitable text-books, and it is believed that this instruction will result in incalculable good.

Instruction in the High School is given in two parallel and

equivalent courses of study, to-wit: 1st, Classical; 2d, Literary and Scientific.

The studies to be pursued in each course are contained in the schedule hereto annexed.

The High School proposes to give an education which shall be exact and thorough, and shall fit the pupil for a further College Course, or for an entry on the apprenticeship of a practical career.

There are three classes, which are termed Preparatory, Intermediate and Sub-Freshman. To enter the High School there is required a good elementary education in Reading, Writing, and Arithmetic, including percentage and its applications, with the ordinary school knowledge of Geography and History, and the elementary principles of English Grammar.

In the Preparatory Class all the students have the same studies, which diverge slightly in the Intermediate Class, where French is substituted for Greek, as will be observed by referring to the Schedule of Courses of Studies. But in both the courses, except in the Preparatory Class, English and two languages, Mathematics, some elementary Natural Science, Drawing and Wood-Working are required.

More than three hours are given to recitations, and an hour and a half to Manual Training or Drawing, daily, except Saturdays. Studies will be carried on in study rooms under the supervision of competent instructors. The exercises open at 9 A. M. and close at 4 P. M.

No student can enter any class, or pass to a higher one, without being fully prepared for it, and without evincing this preparation by a satisfactory examination.

The student who finishes either one of the regular courses of the High School will be entitled to a DIPLOMA; and, if he has attained superior excellence, he will be granted a Diploma with Distinction.

The High School Faculty includes several of the Professors of the College, who are thus able to prosecute a continuous course of instruction in the branches with which they are most familiar and to secure the best preparation for higher work.

TULANE HIGH SCHOOL FACULTY.

1891-1892.

ASHLEY D. HURT, A. M.,
Head Master of the High School and Professor of Latin.

JOHN M. ORDWAY, A. M.,
Director of Manual Training School.

LYMAN C. REED, A. M.,
Professor of English.

JOHN R. FICKLEN, B. LET.
Professor of English History.

WILLIAM WOODWARD,
Professor of Drawing.

GEORGE GESSNER, A. M.
Professor of Greek.

J. W. PEARCE, A. M., PH. D.,
Professor of English and Mathematics.

EDWARD DESSOMMES,
Assistant Professor of French.

D. R. BUCHANAN,
Assistant Professor of Book-Keeping and Penmanship.

HENRY E. CHAMBERS,
Assistant Professor of Mathematics and Natural Sciences.

ALLISON OWEN,
Assistant Professor of Drawing.

OTIS ATHERTON,
Instructor in Iron-Working.

JULIUS PORBES,
Instructor in Wood-Working.

HENRY PORBES,
Instructor in Wood-Working.

TULANE HIGH SCHOOL.

COURSES OF STUDY.

CLASS.	CLASSICAL COURSE.	Lessons Per Week.	LITERARY AND SCIENTIFIC COURSE.	Lessons Per Week.
SUB-FRESHMAN.	English	3	English	3
	Mathematics	5	Mathematics	5
	Latin	5	Latin	5
	Greek	5	French	5
	Physiology and Hygiene }	3	Physiology and Hygiene }	3
	Physics and Chemistry, }		Physics and Chemistry. }	
	History of Rome.....	2	History of Rome.....	2
	Drawing, }	5	Drawing, }	5
	Manual Training, }		Manual Training, }	
INTERMEDIATE.	English	3	English	3
	Mathematics.....	5	Mathematics	5
	Latin	5	Latin	5
	History of Greece.	2	History of Greece.....	2
	Drawing, }	5	Drawing, }	5
	Manual Training, }		Manual Training. }	
	Greek	5	French	5
	Book-keeping.....	3	Book-keeping	3
PREPARATORY.	English.....	5	English	5
	History.....	5	History	5
	Latin	5	Latin	5
	Mathematics.....	5	Mathematics	5
	Penmanship	3	Penmanship	3
	Drawing.....	5	Drawing	5

ROLL OF HIGH SCHOOL STUDENTS.

SESSION OF 1890-1891.

PREPARATORY CLASS.

NAME OF STUDENTS.	COURSES.	RESIDENCE.	PARENTS OR GUARDIANS.
ANSLEY, MARTIN LUTHER.....	L. & S.....	Bay St. Louis, Miss.....	M. L. Ansley.
BALFOUR, ARTHUR GRISWOLD.....	L. & S.....	342 St. Andrew	James R. Balfour.
BALLOWE, HEWITT L.....	L. & S.....	Diamond, La.....	Dr. T. H. Ballowe
BAQUIR, JOHN YUENES.....	Mech.....	124 Esplanade	Jas. P. Baquie.
BARBAT, GEORGE WALTER	Class.....	1460 Tchoupitoulas.....	G. W. Barbat.
BECKER, ALBERT RICHARD.....	Class.....	242 Camp	Fred. D. Becker.
BRIDGER, JOHN STUART.....	L. & S.....	Columbia, La	Mrs. F.S.Bridger.
BRIDGER, ROBERT DIXON.....	L. & S.....	Columbia, La	Mrs. F.S.Bridger.
BROWN, STEPHEN EMANUEL.....	L. & S.....	Columbia, La	John R. Brown.
BROWN, STEPHEN HENRY.....	L. & S.....	Davis, La.....	Fielding Brown.
CASTLEMAN, THOMAS TAYLOR.....	L. & S.....	Gibson's Landing, La.....	R. L. Castleman.
CAZENAVETTE, LIONEL LEWIS.....	L. & S.....	266 Bayou Road	H'y Cazénavette.
CIER, IRENEE.....	Class.....	159 Baronne.....	J. B. Cier.
DEBUYS, JAMES TEMPLE.....	Mech.....	467 Esplanade.....	James DeBuys.
DELAUP, LOUIS JOSEPH.....	Mech.....	Esplanade and Broad.....	Dr. S. P. Delaup.
DELERY, EUGENE FRANK.....	L. & S.....	LaHarpe & Johnston.....	Frank Delery.
DELPIT, EDWARD ALPHONSE.....	Mech.....	153 St. Anthony.....	C. F. Delpit.
DEMAREST, JOHN MARTIN.....	L. & S.....	515 Prytania	E. J. Demarest.
DICKINSON, MARTIN MADISON.....	L. & S.....	76 Calliope.....	Mrs. M. M. Dick-
DIRMAYER, NELSON KEYS.....	Mech.....	Carondelet, bet. Cadiz and Valence	inson. C. E. Dirmeyer.
DUREL, GEORGE	Mech.....	190 Bourbon	Jules Durel.
ELLIOTT, HUGER.....	Class.....	First and Prytania.....	Dr. J. B. Elliott.
FASNACHT, ROBERT.....	L. & S.....	529 N. Claiborne.....	Mrs. L. Brulard.
FEIST, SAMUEL, JR.....	Class.....	Milliken's Bend, La.....	Mrs. H. Feist.
FORT, LEWIS DARCY.....	L. & S.....	389 Carondelet.....	Dr. W. K. Fort.
GILMORE, PHILIP MORGAN.....	L. & S.....	713 St. Charles.....	J. C. Gilmore
GUMPF, CHARLES LEWIS.....	Mech.....	281 Carondelet.....	H. Gumpf.
HARDIE, EBEN.....	L. & S.....	229 Jackson ave.....	W. T. Hardie.
HARDIE, MARION MEADE.....	L. & S.....	229 Jackson ave.....	W. T. Hardie.
HOLLOWAY, CHARLES, JR.....	Mech.....	248 Prytania st.....	Chas. Holloway.
HOLLOWAY, EUGENE.....	L. & S.....	Waggaman, La.....	J. M. Holloway.
KENNON, GEORGE ALHERTON.....	Mech.....	Kentwood, La.....	Mrs. S. Kennon.
LANDFRIED, HENRY LEWIS.....	Class.....	11 N. Galvez.....	Frank Landfried.
LASSALLE, WILLIAM.....	Mech.....	New Iberia, La.....	Pierre Lassalle.
LEBRETON, LOUIS ETIENNE.....	Mech.....	Charenton, La.....	E. LeBreton.
LEMEE, PIERRE EVARISTE.....	Mech.....	Natchitoches, La.....	A. E. Lemee.
LICHTENSTEIN, SOLOMON.....	L. & S.....	737 St. Charles.....	H. Lichtenstein.
LINDAUER, WILLIAM ALBERT.....	Mech.....	355 Felicity.....	A. C. Lindauer.
LUCE, GEORGE DON, JR.....	L. & S.....	585½ St. Charles.....	Geo. D. Luce.

NAME OF STUDENTS.	COURSES.	RESIDENCE.	PARENTS OR GUARDIANS
MCENERY, JAMES.....	Class.....	State & St. Charles.....	Mrs. J. McEnery.
MATTHEWS, MARTIN L.....	L. & S.....	333 St. Andrew.....	G. B. Matthews.
MARCOUR, RALPH.....	Class.....	188 N. Rampart.....	Mrs. C. Toulet.
MEYER, MORRIS MEYER.....	L. & S.....	Mobile, Ala.....	Julius Meyer.
MEYERS, JOHN HANNIMAN.....	L. & S.....	475 Josephine.....	J. B. Meyers.
MINVIELLE, HENRY ROWLAND.....	Mech.....	Jeannerette, La.....	J. T. Minvielle.
MOISE, ALLYN BERNARD.....	Mech.....	Natchitoches, La.....	Jas. C. Moise.
OGDEN, CARLTON NICHOLSON.....	L. & S.....	Opelousas, La.....	John N. Ogden.
PERKINS, JOHN BEASLEY.....	L. & S.....	Carrollton, La.....	R. J. Perkins.
PERRILLIAT, CHARLES.....	Class.....	6 St. Ann.....	Chas. Perrilliat.
PERRILLIAT, VICTOR.....	Mech.....	6 St. Ann.....	Chas. Perrilliat.
REA, EDGAR.....	Mech.....	303 N. Rampart.....	James Rea.
RICHARDSON, JOHN FRANCIS.....	Mech.....	279 Foucher.....	H.B. Richardson.
RODER, GEORGE CHARLES.....	Mech.....	738 Magazine.....	Frank C. Roder.
SAVOY, ERNEST.....	L. & S.....	Church Point, La.....	Francois Savoy.
SIMON, REUBEN.....	Mech.....	340 Magazine.....	M. Schlenker.
ST. MARTIN, JOSEPH PRESTON.....	Mech.....	249 N. Johnson.....	P. E. St. Martin.
STROBEL, JOHN KRANZ.....	Class.....	193 Rousseau.....	Mrs. S. Strobel.
TALLIEU, LYNN.....	Mech.....	Tallieu P. O., La.....	Mrs. J. E. Tallieu.
TEXADA, DAVIDSON KER.....	L. & S.....	Lamothe P. O., La.....	Jos. W. Texada.
THIBAUT, N. J. FRANK.....	L. & S.....	12 St. Ann.....	Jas. Thibaut.
VALETON, WILLIAM LEO.....	L. & S.....	240 Esplanade.....	Mrs. T. Buisson.
WEIL, EMILE.....	L. & S.....	261 St. Mary.....	Max Well.
WERTH, STEPHEN STAFFORD.....	Class.....	85 Philip.....	Mrs. H. Werth.
WOOD, HENRY MCLEAN.....	L. & S.....	311 Fourth.....	F. W. Wood.
WOOD, ZACHARY TAYLOR.....	L. & S.....	287 Marais.....	Robert Wood.

INTERMEDIATE CLASS.

BARNETT, EARLE SHYRIGH.....	L. & S.....	Centreville, La.....	J. W. Barnett.
BAYNARD, LUDLOW BUARD.....	L. & S.....	Alexandria, La.....	L. B. Baynard.
BENSON, MADISON HAWTHORN.....	Class.....	69 Royal.....	B. K. Benson.
BERNARD, MAURICE.....	Mech.....	518 Esplanade avenue.....	H. C. Bernard.
BETTISON, EDMUND GOLDMAN.....	L. & S.....	191 Robin.....	Prof. U. Bettison.
BOLLACK, ISAAC.....	Mech.....	Brownsville, Texas.....	A. Bollack.
BUCHANAN, JAMES ROBERT.....	Mech.....	Delachaise & Coliseum.....	C. W. Buchanan.
BUCKINGHAM, FRANKLIN DAVES.....	L. & S.....	Bastrop, La.....	E. F. Buckingham.
CARROUCHIE, FRANK JOSEPH.....	Mech.....	516 Esplanade.....	A. Carrouché.
CARTER, THOMAS LANE.....	L. & S.....	313 Ursulines.....	T. L. Car'er.
CATE, SAMUEL MELZAR.....	L. & S.....	Hammond, La.....	C. E. Cate.
CHAMPAGNE, HORACE LOUIS.....	Mech.....	186 N. Rampart.....	R. Champagne.
CHEVREMONT, EMELIO.....	Mech.....	228 Royal.....	T. Chevremont.
CHILTON, JOHN POINDEXTER.....	L. & S.....	Chotard, Miss.....	John M. Chilton.
DASBIT, ALBERT CLEOPHA.....	L. & S.....	Houma, La.....	Oscar Dasbit.
DEBUYS, RATHBONE EMILE.....	L. & S.....	467 Esplanade avenue.....	James DeBuys.
DILLON, JOHN MARMADUKE.....	L. & S.....	502 Baronne.....	Mrs. E. R. Dillon.
DIXON, WILLIAM.....	Class.....	174 Louisiana ave.....	Prot. B. V. B. Dixon.
DONALDSON, GUY.....	Mech.....	217 Philip.....	Jos. Donaldson.
DOWNING, JOSEPH JOHN.....	Mech.....	199 Annunciation.....	D. Downing.
DUFFEL, LOUIS.....	L. & S.....	Hohen Solms, La.....	Dr. L. E. Duffel.
DUFOUR, HORACE GENERES.....	L. & S.....	173 Carondelet.....	Elmore Dufour.

ROLL OF HIGH SCHOOL STUDENTS.

55

NAME OF STUDENTS.	COURSES.	RESIDENCE.	PARENTS OR GUARDIANS.
FALLON, LAWRENCE CONRAD, JR	Mech	300 Jackson	L. C. Fallon.
FARGE, MAURICE JOHN	Mech	142 St. Anthony	J. K. Farge.
FLEETWOOD, CHARLES HATTON	Mech	Thibodaux, La	Dr. J. Fleetwood.
FRERET, VINCENT	Class	327 Second st.	F. G. Freret.
GARRETSON, CHARLES EDWIN	Class	Monroe, La	J. B. Garretson.
HYAMS, ROBERT PORTIS	L. & S	Shreveport, La	J. H. Lewis.
HYATT, EDWARD CLARENCE	L. & S	236 St. Charles	Mrs. L. Hyatt.
JOOR, WILLIAM EUGENE	L. & S	939 Laurel	Prof. J. F. Joor.
JORDAN, HARRISON	L. & S	Rayville, La	Mrs. F. E. Jordan.
KREEGER, MAURICE BARNETT	Class	1283 St. Charles	S. G. Kreeger.
LANDAUER, SAMUEL CHARLES	Class	Winnsboro, La	Aaron Landauer.
LAPRADE, WILLIAM HENRY, JR	Class	211 Carondelet	Rev. W. H. LaPrade
LYLE, DAVID REED	L. & S	Cheneyville, La	Mrs. P. Lyle.
MCBRIDE, ROBERT EDWIN	L. & S	Thibodaux, La	R. R. McBride.
MCCARTNEY, WILLIAM BIRCH	L. & S	425 Royal st.	Mrs. M. E. McCartney
MCCONNELL, MAURICE	L. & S	Baton Rouge, La	Mrs. C. McConnell
PAYNE, HORTON KENNEDY	L. & S	Pass Christian, Miss.	H. M. Payne.
PHELPS, ALBERT CARUTHERS	Class	250 Joseph st	A. G. Phelps.
SCHWARTZ, LOUIS	Mech	450 Magazine	M. Schwartz.
SHANNON, THOMAS HENRY	Class	Morgan City, La	Thos. Shannon.
SIMON, LEON CHARLES	L. & S	214 Philip	Chas. Simon.
SLAUGHTER, WM. EDWARD	L. & S	158 N. Rampart	Benjamin Ory.
SMITH, GUY ALLEN	L. & S	146 St. Joseph	Edw. Smith
STERN, MORRIS	Class	438 Magazine	Henry Stern
SULLIVAN, RENEL LEON	L. & S	1092 Magazine	T. J. Sullivan
WHITTINGTON, WM. W., JR	L. & S	Alexandria, La.	W. W. Whittington
WILSON, SAMUEL	L. & S	251 Louisiana ave	James Wilson.

SUB-FRESHMAN CLASS.

BENSON, DANIEL WALTER	Mech	76 Valmont	R. R. Benson.
BIRD, EDWARD ABRAHAM	Mech	Brusly Landing, La	A. T. Bird.
BRADLEY, LAUREN JAY	L. & S	425 Prytania	D. H. Bradley.
CADE, ROBERT	Mech	Port Allen, La	Mrs. C. D. Cade.
CARRE, HENRY BEACH	Class	393 Canal	Mrs. W. W. Carré.
CARRE, TUDOR BEACH	Mech	393 Canal	Mrs. W. W. Carré.
CHRISTIAN, CHARLES GAYLER	L. & S	Peters ave.	P. J. Christian.
COTAYA, ADOLPH WILLIAM	Mech	230 St. Louis	John P. Cotaya.
DONALDSON, JOSEPH, JR	Mech	217 Philip	Jos. Donaldson.
ENDERLE, LUCIEN ISIDORE	Mech	52 Prytania	Edw. Enderlé.
ENDERLE, REUBEN ANTHURUS	Mech	52 Prytania	Edw. Enderlé.
EVANS, CHARLES AYLMER	Class	Hurst and Joseph	Rev. C. F. Evans.
FITCH, FRANK	Class	8 Euterpe	H. L. Fitch.
FORMAN, ALFRED HENNEN	L. & S	1544 St. Charles ave	B. R. Forman.
GULOTTA, LEROY	Class	356 Chestnut	G. C. Norcross

NAME OF STUDENTS.	COURSES.	RESIDENCE.	PARENTS OR GUARDIANS.
HANDS, EDGAR BEACH.....	Mech.....	Bayou Sara, La.....	Washington Hands
HARRISON, JILSON PAYNE, JR.....	L. & S.....	Burke's Station, La.....	Mrs. J. M. Harrison
HOLLOWAY, EDWARDS	L. & S.....	248 Prytania.....	Chas. Holloway.
JONES, CAMPBELL.....	Mech.....	19 Prytania	Mrs. M. B. Jones.
KENDALL, JOHN SMITH.....	Mech.....	1009½ Magazine	Miss M. L. Kendall.
KITTREDGE, WILL LOUGHBY EATON L. & S.....	Albemarle, La.....	J. K. Kittredge.	
KLORER, JOHN, JR.....	Mech.....	118 Ursulines.....	John Klorer.
KRONENBERGER, GUSTAV GEO.....	Mech.....	Bordeaux & Pitt.....	G. P. Kronenberger
LALLY, JOHN EDWARD	Mech.....	84½ St. Andrew	M. G. Lally.
LEMANN, ISAAC IVAN	Class.....	1599 St. Charles ave.....	B. Lemann.
LEUCHT, EMILE.....	L. & S.....	224 Carondelet	Rev. I. L. Leucht.
LOB EMILE.....	Mech.....	718 Magazine	Chas. Lob.
MCGEEHEE, ARTHUR MERVIN, JR. L. & S.....	Fort Adams, Miss.....	A. M. McGehee.	
MATTHEWS, GEO. BERNARD, JR. L. & S.....	333 St. Andrew	Geo. B. Matthews.	
MORPHY, LOUIS ALBERT	L. & S.....	524 Baronne	A. E. Morphy.
MUSSON, GASTON.....	L. & S.....	125 Esplanade ave.....	Mrs. E. Musson.
NUNEZ, NEMOURS HENRI.....	Mech.....	Arabi P. O., La.....	E. E. Nunez.
PRENTISS, SEARGENT SMITH, JR. Class.....	33 Polymnia.....	S. S. Prentiss.	
RITSON, EDWARD OGILVIE	Mech.....	623 Carondelet	Jas. B. Ritson.
ROMAN, CHARLES JOSEPH.....	Mech.....	237 N. Rampart	Mrs. E. Roman.
ROSEN, LOUIS	L. & S.....	Bayou Sara, La.....	Mrs. D. Alexander
SONIAT, ARMAND EDWARD.....	Mech.....	354 Hospital	J. M. Soniat.
STOCKMAN, GEORGE DRYDEN.....	L. & S.....	713 Camp	S. D. Stockman.
THIBAUT, PIERRE LEONCE.....	Class.....	12 St. Ann.....	Jas. Thibaut.
TURKHEIMER, BERTHOLD	Mech.....	450 Camp.....	M. Türkheimer.
TURNBULL, GEORGE EDWARD.....	Mech.....	Houma, La	Mrs. E. V. Turnb'ill
VON PHUL, NOLAN STEWART.....	Mech.....	Port Allen, La	Mrs. W. von Phul.
WADSWORTH, STEWART.....	L. & S.....	440 Prytania	J. A. C. Wadsworth
WIRE, DAVID GOULD, JR.....	Mech.....	Happy Jack, La	Mrs. E. G. Jordan.
WOOTEN, ROBERT ALLEN	Mech.....	Columbia, La	W. L. Wooten.

HIGH SCHOOL ROLL.

Preparatory Class.....	65
Intermediate	49
Sub-Freshman.....	45
Total.....	159

Detailed Statement of Work in the Several Courses.

ENGLISH.

With a complete knowledge of the contents of such elementary books as Abbott's "How to Tell the Parts of Speech," and Reed and Kellogg's "Graded Lessons in English," the student advances carefully in etymology and syntax by methods and text-books approved by the professor in charge, practicing English composition through the whole course of three years. In the Sub-Freshman class an effort is made to interest the student in the study of the history and correct meaning of the words of our language, and the best lexicons are daily consulted in the class for etymology and definition.

Text-Books are:

PREPARATORY: Patterson's Advanced Grammar; Eggleston's United States History; Dictation Exercises.

INTERMEDIATE: Dalgleish's Analysis; The Story of Greece; Chittenden's Elements of Composition; Exercises.

SUB-FRESHMAN: The Story of Rome; Skeat's Dictionary, Abridged; Selections from American Authors; Exercises in Composition.

LATIN.

Latin in the High School is begun in the Preparatory Class in both courses and is continued through three years.

PREPARATORY CLASS: Gildersleeve's Latin Primer.

INTERMEDIATE CLASS: Gildersleeve's Grammar, Reader; Cæsar; Exercise Book.

SUB-FRESHMAN CLASS: Gildersleeve's Grammar; Exercise Book continued; Cæsar; Ovid; Keightly's Mythology.

GREEK.

Greek is taught in the Classical Course and is begun in the Intermediate Class.

INTERMEDIATE CLASS: Greek Primer; Xenophon's Anabasis (one book).

SUB-FRESHMAN CLASS: Hadley & Allen's Grammar; Jones's Greek Prose Composition; Xenophon's Anabasis (three books).

MATHEMATICS.

For admission to the Preparatory Class in the High School, applicants are required to be proficient in Arithmetic through Percentage and its applications (242 pages in Nicholson's Complete Arithmetic or an equivalent amount of work in some other book).

PREPARATORY CLASS: Arithmetic completed. Algebra begun.

INTERMEDIATE CLASS: Algebra through Simultaneous Quadratics. Arithmetic reviewed.

SUB-FRESHMAN CLASS: Plane Geometry. Algebra reviewed.

Text-Books:

PREPARATORY CLASS: Wentworth & Hill's Practical Arithmetic. Wentworth's Elements of Algebra.

INTERMEDIATE CLASS: Wentworth's Complete Algebra. Wentworth & Hill's Arithmetic.

SUB-FRESHMAN CLASS: Wentworth's New Plane and Solid Geometry. Wentworth's Complete Algebra.

FRENCH COURSE.

French is begun in the Literary and Scientific Course in the Intermediate Class and is studied two years.

The object in view is to give the student a thorough practical knowledge of the language, especially in reading and speaking it. For that purpose a good deal of time is devoted to reading standard French works, and in the second year nothing but French is used in the class room.

Text-Books:

INTERMEDIATE CLASS: Chardenal's First French Course; Super's French Reader.

SUB-FRESHMAN CLASS: "Deuxième Année de Grammaire" (Larive et Fleury); "La Poudre aux Yeux" (Labiche et Martin); "La Belle Nivernaise" (A. Daudet); "Le Cid" (Corneille); Exercises and Dictation; Blouet's Translator.

BOOK-KEEPING AND PENMANSHIP.

Every pupil in the Preparatory Class receives systematic instruction in Penmanship, and, in the Intermediate Class, Book-keeping is taught, from which no one is excused.

PHYSICS AND CHEMISTRY.

Elementary Physics and Chemistry are taught by text-book and lecture two-thirds of the session three times a week in the Sub-Fresh-

man Class, and are, by means of the valuable aid of the apparatus in the University laboratory, so practically presented as to be not only an adequate preparation for the further prosecution of the subject in the College, but a source of pleasure and usefulness to those whose education will be completed in the High School.

Text-Book: Houston's Elements of Physics.

PHYSIOLOGY AND HYGIENE.

Students of the Sub-Freshman Class will receive instruction three times a week for one-third of a session in this useful and interesting department of knowledge. Proper text-books, charts, the manikin, and the excellent physiological preparations of the University, will furnish sufficient means of illustrating the subject.

MANUAL TRAINING.

As Manual Training is found to be a valuable adjunct to intellectual cultivation, a considerable amount of practice in wood-working is required even in the Classical Course of the High School. In both the courses the manual instruction includes pattern-making, forging iron and steel, soldering and brazing. The work proceeds step by step from the easier to the more difficult operations, and is calculated to impart a fair degree of skill and a general practical knowledge of tools, materials, methods, and principles, rather than that nicety of execution which can be acquired only by long, time-consuming practice within a limited range.

The exercises are selected with reference to healthy muscular development, and by a suitable alternation of shop-work with class-room studies, the pupil is enabled to make more real progress in intellectual growth within the school years than can be gained by fatiguing devotion to study alone. The interest of the student is stimulated by keeping in view utility or beauty in the objects constructed. The work-shop manipulation constitutes an excellent preparation for subsequent laboratory practice of all kinds. And, should the student be obliged to terminate his training with a high school course, the manual training will be of great advantage in fitting him for his life-work in whatever occupation he may engage. Education in which the manual element has a share is particularly suitable for those who are to assist in developing the industrial resources of the country.

DRAWING.

Drawing is considered as a language or mode of expressing ideas, and, therefore, not less important than linguistic study, on account of its disciplinary as well as its direct practical value. High School pupils are taught more or less of free hand or mechanical drawing and design, according to the needs of the two courses. While the artistic side is not altogether neglected, attention is directed mainly to the industrial aspects of the subject. The exercises consist mostly in drawing directly from the objects, while the pupil is also instructed in the various auxiliary geometrical problems and the conventional devices which facilitate clear expression. The student is expected to observe constantly the relation of the object to the mode of its representation and to become self-directing without wasting time in copying the delineations of others. As the work advances the imagination is cultivated by the consideration of projections and shadows, and by drawing ideal sections, by sketching from memory, and by making original designs.

For the mechanical drawing each one must provide himself with a set of drawing instruments and other materials.

CONDITIONS OF ADMISSION.

For admission to the Preparatory Class of the High School, pupils must be thirteen years of age, of good moral character, and must be proficient in Reading, Writing, School Geography, Arithmetic through Percentage and its applications, and in Reed and Kellogg's Graded Lessons in English, or in an equivalent amount of work in some other book.

To enter an advanced class, or be promoted to it, in the High School, students must have completed satisfactorily the studies of the classes below, or a full equivalent for them.

EXAMINATIONS.

Entrance Examinations will be held September 29th and 30th.

Two examinations are held yearly in the High School. In order to insure promotion to advanced standing, students must pass both examinations satisfactorily.

Punctuality in attendance is rigidly enforced as a necessary requirement to secure fidelity and impartiality in the examination.

DIPLOMAS.

Students satisfactorily completing any course in the High School will receive Diplomas as Graduates of the High School.

DAILY SESSION.

The daily session begins at 9 A. M., and ends at 4 P. M., with an hour's intermission from 12 M. to 1 P. M.

EXPENSES.

The tuition fee for the session of nine months is \$80, payable in instalments of \$20 at the beginning of each quarter session. Bills are presented, therefore, and must be promptly paid on October 1, December 7, February 10, and April 18.

The charge of eighty dollars per annum is uniform for students of the High School, College and Law Departments.

In the Law Department the annual charge of \$80 is paid at matriculation.

Candidates for the degree of Doctor of Philosophy are exempt from tuition fees.

Students furnish their own books, drawing instruments and drawing utensils, and are required to pay the cost of the apparatus which may be broken or damaged by them in the laboratories, and also any other damage to the University property.

The cost of books averages about \$10 per year.

There are no extra charges.

BOARD AND LODGING.

Students can obtain board and lodging at from \$20 to \$25 per month in approved boarding houses or private families. The University authorities pay particular attention to placing them, according to the wishes of their families, under such religious or social influences as may be indicated. Special arrangements are made, through leading gentlemen, with Roman Catholic, Protestant, and Jewish families of culture, and of American, French, German, or Spanish nationality, to receive

our students as boarders. They thus have the direct religious and social influences desired, and the opportunity to obtain a familiar knowledge of the modern language in which they especially wish practice.

LOCATION.

The buildings which belonged to the University of Louisiana and which subsequently became the property of the Tulane University, are large and commodious, on the square bounded by Canal street, Tulane Avenue, University Place and Baronne street. Of these four buildings, two are occupied respectively by the Academical Departments, one by the Medical College, and the fourth by the Law School and by the State Library.

The Manual Training School is conveniently located in the building corner of Lafayette and Dryades streets, and was purchased by the Administrators of the Tulane Fund for the convenience of this branch of instruction.

The liberal endowment of the H. Sophie Newcomb Memorial College by Mrs. Newcomb, has been recently augmented by her purchase of the beautiful property known as the "Burnside Place," as a permanent location for the College. In many important particulars the property is unexcelled. The grounds cover an entire square, embracing some four acres, on Washington street, between Chestnut and Coliseum, and are convenient of access by several lines of cars and in the midst of choice residences, with the surroundings favorable for school work. The beauty and attractiveness of the property are well known. This generous act of Mrs. Newcomb places the College for women upon a secure foundation with brilliant prospects for the future.

The wisdom of founding seats of learning in centers of population is beyond dispute. The Tulane University of Louisiana is located at the doors of nearly 250,000 people—almost the third of the population of the State; and the rapid increase in the railroad and other transportation facilities to New Orleans is making it every day more and more accessible from all quarters.

Notwithstanding the occasional outbreaks of yellow fever, the last of which occurred in 1878, New Orleans is perhaps the healthiest city of its size in the United States. Epidemics have visited it only at intervals of years, and then only in the summer vacations, and, possibly, in the month of October. They can scarcely interfere, therefore, with the practical working of the University.

ATTENDANCE.

During the session 1890-91 the attendance in the different departments of the University was, as follows:

High School.....	159
University and College.....	100
H. Sophie Newcomb Memorial College.....	178
Free Drawing School.....	275
Law Department.....	57
Medical Department.....	407
Total	1,176

LIBRARIES.

Librarian, WM. O. ROGERS.

Assistant Librarians, CHAS. G. GILL, PH. D., MISS MINNIE BELL.

The *Tulane Library* contains valuable scientific and literary publications and is a depository of public documents; constant accessions are made to it through donations and purchase. It already contains about 13,500 volumes, embracing many choice literary and scientific works.

The Medical Section of the Library numbers about 2700 volumes. This section of the Library is kept in a separate room and is open to members of the medical profession and other authorized persons.

The Scientific Section is constantly receiving accessions of valuable publications, either by purchase, or by exchange of the publications of the New Orleans Academy of Sciences with the leading scientific bodies of the world. Readers and students in this section have access to the large and very valuable private library of Professor Ordway, which is constantly receiving additions of new books as they are published.

The Literary Section contains the best editions of standard French and English authors, and fine editions of the Latin and Greek Classics.

The collection of public documents has been steadily augmented, and now contains about 5000 volumes.

The *Fisk Library* contains about 12,000 volumes, and is increased yearly at the rate of about 500 volumes. It contains the best standard works and current literature, including all the leading literary periodicals. The Reading Room of this Library is open to the public from 9 A. M. to 5 P. M., and is largely attended by an intelligent class of readers. Every facility is given to readers for finding the books and information they desire.

The *State Library*, containing 26,000 volumes, is deposited in the Law Building of the University, corner of Tulane Avenue and University Place, and is open daily from 9 A. M. to 3 P. M., and from 4 to 6 P. M.

Students have the use of books free of charge. This Library includes a very valuable collection of Foreign and American Law Books and Law Reports, and of historical and documentary works.

LIBRARY REPORT FROM MAY, 1890, TO MAY, 1891.

The accessions of the University Library during the past year have been as follows:

TULANE LIBRARY.

DONATIONS.

From Dr. Champlin.....	62
“ Mr. H. Ginder.....	1
“ Rev. W. E. Griffis.....	2
“ Col. Wm. P. Johnston.....	1
“ Mr. D. C. Lyle.....	2
“ Rev. E. F. H. J. Massé.....	5
“ Messrs. Pitman and Howard.....	1
“ Mr. B. Quaritch.....	1
“ Mrs. Ida Richardson.....	1
“ Mr. F. T. Royer.....	3
“ Messrs. Sotheran & Co.....	1
“ Mr. Wm. Trelease.....	1
“ Association of American Physicians.....	1
“ California Mining Bureau.....	1
“ Columbia College.....	1
“ Dartmouth College.....	1
“ Harvard College.....	1
“ Johns Hopkins Hospital.....	1
“ Library Bureau.....	1
“ Michigan Board of Agriculture.....	1
“ Michigan Bureau of Statistics.....	1
“ N. O. Academy of Sciences.....	10
“ Directors of Pennsylvania Geological Survey.....	4
“ Royal Society of Canada.....	1
“ Salem, Massachusetts, Public Library.....	3
“ South Western Bible Society, N. O.....	1
“ U. S. Government.....	112
“ University of California Library.....	1
“ University of London.....	1
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	223
By Purchase.....	437
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Increase for Tulane Library.....	660

FISK LIBRARY.

DONATIONS.

From Rev. Wm. E. Griffis	1
“ Col. Wm. Preston Johnston	1
“ Dr. R. M. Lawrence	1
“ Mrs. E. E. H. Specht	1
“ Harvard University	1
“ U. S. Government	24
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	29
By Purchase	732
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Increase of Fisk Library	761
Total increase for all Libraries	1421

MUSEUM.

PROFESSOR JOHN W. CALDWELL, A. M., M. D., Curator.

PROFESSOR JOSEPH F. JOOR, M. D., Assistant Curator.

The object of Tulane Museum is to furnish opportunities of illustration and study, both to the classes of the University and to the public at large. To this end the specimens have been grouped in departments with reference both to scientific order and convenience of examination.

MINERALOGY.—In this department we have a classified series of over 1500 specimens, representing about 300 species. Also, several local collections, showing rocks, ores, and other minerals from the various States and Territories.

GEOLOGY AND LITHOLOGY.—We have over 3000 classified fossils of all ages, and a set of “Casts of Celebrated Fossils,” nearly 700 in number. We have also a general stratigraphical series, showing the rocks of the various periods, from the Archæan to the Quaternary, and a special series illustrating the geology of New York.

BOTANY.—The Tulane Herbarium contains 12,000 to 15,000 specimens, representing over 4000 species, American and European. This includes the collections of Dr. Josiah Hale and of Professors John L. Riddell and Wm. M. Carpenter, formerly deposited with the New Orleans Academy of Sciences.

The Herman Curtius Herbarium consists of about 8000 specimens of German and Polish plants; the F. Lascar collection of about 300 European medicinal species. We have also collections of Louisiana plants, of woods, nuts, seeds, fungi, etc.

ZOOLOGY.—All the classes and nearly all the important orders of the animal kingdom are represented by specimens, dry, alcoholic, or stuffed, and about a dozen skeletons. There are also a number of beautiful models, illustrating the lower forms of life.

ANTHROPOLOGY.—This department is still very incomplete, though the American section has been greatly enriched in the last eighteen months—first, by a number of pieces of Indian or Mound-builders' pottery, etc., from Avery's Island, La.; and more recently by a fine collection of Aboriginal relics from Lake George, Miss., obtained from Mr. Brevoort Butler. Also a particularly fine specimen, presented by Mrs. Kate R. Shaw.

EDUCATIONAL AND INDUSTRIAL.—In the South Gallery of the Museum is a collection illustrating the work of the Manual Training and Drawing Classes of the University, as well as similar work done elsewhere; while the North Gallery contains a number of the ores, minerals and stones used in the arts.

The following have been donated since the publication of the last catalogue:

By Mrs. T. G. Richardson, New Orleans, Letter of George Washington.

By T. W. Vaughan, Mt. Lebanon, La., Tertiary Fossils, Iron Ore, Botanical Specimens, etc.

By L. Haulard, 305 Bienville street, New Orleans, Living Tarantula.

By G. W. Barbat, New Orleans, Three Old Coins.

By Henry Dansereau, New Orleans, Musket Barrel from Battlefield of New Orleans, Algerine Dagger, Insects, Two Corals, etc.

By Charles Merritt, New Orleans, "Stingaree" from Lake Pontchartrain.

By Dr. Geo. C. Taylor, "Grey-beard," Set of Microscope Slides, showing Mummy Cloth and Textile Fibers.

By Mrs. P. N. Strong, New Orleans, Hornet's Nest from White Mountains.

By Miss Clarisse Haile, New Orleans, Quartz Crystals from Denver.

By Dr. G. Devron, 631 Royal st., Fruit of Cacao Tree.

By Samuel C. Landauer, Winnsboro, La., Four-legged Chicken.

Prof. J. Hanno Deiler, Tulane University, Coin of East African Company. Insects.

By Prof. R. H. Jesse, Tulane University, "Vegetable Wool."

By Dr. Paul von Seydewitz, New Orleans, Two-toed Sloth from Panama.

By Prof. A. L. Metz, New Orleans, Botanical Specimens.

By Brevoort Butler, Enola, Miss., Aboriginal Relics and Fossils.

By Mrs. M. A. Johnston, New Orleans, Botanical Specimens.

By Eugene Ratelle, Jr., New Orleans, Botanical Specimens.

By Wm. H. LaPrade, Jr., New Orleans, Four-legged Chicken.

By Zacharie Surbeak, New Orleans, Moths and Cocoons.

By Mrs. Kate R. Shaw, Peabody High School, New Orleans, Aboriginal Image.

By Montgomery Gibson, Washington, D. C., Newspaper of A. D. 1800, describing funeral of George Washington.

ART MUSEUM.

PROFESSOR WM. WOODWARD, ART DIRECTOR.

LINTON-SURGET HALL.

The Art Museum embraces the Linton-Surget collection of works of art donated to the city of New Orleans by the late Mrs. Eustace Surget, of Bordeaux, France, and by an ordinance of the City Council placed under charge of the Administrators of Tulane University; valuable historical portraits and marble statuary, donated by Mrs. C. B. Surget, of Bordeaux, France; the loan collection of Mrs. J. L. Harris, of New Orleans, and a miscellaneous collection of bronzes, marbles, paintings, engravings and other works of art, donated or loaned to the University.

Among the contributions of the past session is a marble bust of Zeno, donated by Miss Mary J. C. Wilson, of New Orleans.

There are two exhibitions each year of the Art work and collections of the University—one in the Carnival season, the other at the close of the session in June. These exhibits have also embraced the work of artists and amateurs who have desired to avail themselves of the opportunity.

UNIVERSITY LECTURES.

The public lectures of the past session comprised the following:

Mr. H. Lee Sellers, of Galveston, Texas, on the Phonograph.

Four lectures by Dr. Charles W. Kent, Professor of English at the University of Tennessee, Knoxville, Tenn.:

I. From Heathenism to Christianity.

II. The Age of Chivalry.

III. Chaucer's Greatness.

IV. A Century of Preparation.

Two lectures, by Brandt V. B. Dixon, President of H. Sophie Newcomb Memorial College:

I. The Physical Basis of Mind.

II. Rational Ground of Matter.

FREE DRAWING SCHOOL.

CORPS OF TEACHERS:

PROFESSOR WM. WOODWARD.

PROFESSOR ELLSWORTH WOODWARD.

PROFESSOR GERTRUDE ROBERTS.

ASSISTANT PROFESSOR A. F. DELBERT.

INSTRUCTOR—ALLISON OWEN.

The Free Drawing School of Tulane University has now completed the sixth year of its work. It is believed that its success has justified its establishment. While it has been somewhat apart from the strict line of University work, the immediate benefits it has conferred upon the general public in the elevation of popular intelligence, and in the special training of individuals in both practical and æsthetic matters, in industrial drawing and the fine arts, can not be overlooked. More than 3500 pupils appear upon its rolls, and, allowing for double counting, more than 2000 different persons have received gratuitous instruction in these classes. So far no one has been denied admission to the classes who came within the definition of bread-winner, and indeed the only restriction placed upon entrance has been immaturity in age, or incompatible duties. In addition to the fundamental instruction in Drawing, higher grades of work have been pursued in Mechanical and Architectural Drawing, Drawing from Nature, Free Hand Drawing, Drawing from Casts and Design.

The following is the report of the Classes for 1890-91:

SATURDAY CLASSES FOR WOMEN.

Drawing, Advanced Perspective.....	27
Drawing, Elementary Perspective.....	41
School Methods.....	6
Mechanical Drawing, Elementary.....	9
Mechanical Drawing, Advanced.....	5
Advanced Design.....	12
Elementary Design.....	11

EVENING CLASS FOR MEN.

Post Graduate	4	
Free Hand, Senior	2	
Free Hand, Junior.....	8	
Free Hand, Elementary.....	6	
Mechanical, Senior.....	3	
Mechanical, Junior.....	3	
Mechanical, Elementary.....	23	
Architectural Drawing, Junior 10, Senior 4	14	
Preparatory Class, Men.....	70	
Preparatory Class, Boys	31	
		164
Total admission for session 1890-91.....	275	
Total admission for five annual sessions.....	3,554	
Total number of students finishing their classes	1,200	

The Free Drawing School will hold its next session at the Tulane Manual Training School, from Saturday, October 31, 1891, till May 14, 1892, four nights in the week and on Saturdays. There are night classes for men and youths, employed during the day with their regular work, trades, or business. Each of these classes will meet two evening in the week and will be occupied from 7:30 to 9 o'clock P. M.

Beginners enter the Preparatory Class, in which both free hand and mechanical drawing are taught. Having completed the work of this Class, the students may choose between the Free Hand and Mechanical Drawing courses or may attend both.

THE MECHANICAL COURSE

is intended to aid mechanics who are striving to improve in their work. It has three classes, Elementary, Junior, and Senior. Students of those classes have gratefully acknowledged the benefits of their instruction, as evinced in larger views, better wages, and new avenues to employment.

Students who have finished the Elementary Mechanical Class in Drawing may enter the Architectural Course, which embraces two years, Junior and Senior.

Some of the students of these classes have obtained remunerative positions as draughtsmen or as teachers in good institutions, the result of their success in these classes.

FREE HAND COURSE.

This course has three classes, Elementary, Junior, and Senior. Students who have completed the Preparatory Class may enter the Elementary Free Hand Class, if they so select. In this course the elements of perspective and shading, practice from casts and natural objects, and

the anatomy of the human figure are studied, and much attention is given to the careful study of form in general and the human form in particular. The history of the leading styles of ornament is also pursued.

This course thus prepares students for illustrators and designers, and lays a foundation for future art studies. A thesis on the history of Sculpture is required in the Junior Year, and one on the history of Painting in the Senior Year.

The Senior Free Hand Class devotes its attention mainly to the analysis of the human form. Modeling the various parts in clay is also employed as a valuable aid for the artist or figure designer, and as tending to develop a latent taste for sculpture.

SATURDAY CLASSES.

These classes have been largely attended by both women and men, chiefly by women. They were at first intended principally to aid the teachers of the public schools, but their scope has enlarged, and they now lead both to the Fine Arts and the practical uses of the Industrial Arts.

It is intended in these classes to lay a solid foundation for both the Fine and Industrial Arts, by correct instruction and practice in Drawing and the immediate cognate arts resting on Design, Color, and Ornament.

Students may enter the Elementary Perspective, Elementary Design, Elementary Mechanical Classes, or may attend two of these classes if they desire.

A two years course is offered in any of the above classes. The advanced, or second year classes, continue the studies indicated by the name of the class.

H. SOPHIE NEWCOMB MEMORIAL COLLEGE

FACULTY, 1890-91.

- BRANDT V. B. DIXON, A. M.,
President, and Professor of Mental Science.
- JOHN M. ORDWAY, A. M.,
Professor of Biology.
- EVELYN W. ORDWAY, B. S.,
Professor of Chemistry and Physics.
- ULRIC BETTISON,
Professor of Mathematics.
- GEORGE GESSNER, A. M.,
Professor of Greek.
- JENNIE C. NIXON,
Professor of English and Rhetoric.
- J. HANNO DEILER,
Professor of German.
- MARY L. HARKNESS,
Professor of Latin.
- MARIE J. AUGUSTIN,
Professor of French.
- ELLSWORTH WOODWARD,
Professor of Drawing and Painting, and Director of Art Instruction.
- GERTRUDE ROBERTS,
Associate Professor of Drawing and Painting.
- EMMA S. ROSSNER,
Principal of Preparatory Classes.
- JULIA C. LOGAN,
Instructor of English.
- MATTIE M. AUSTIN,
Instructor of Latin.
- FLORIAN SCHAFFTER,
Director of Vocal Music.
- LEANORA M. CAGE,
Secretary.

CATALOGUE OF STUDENTS.

THIRD ANNUAL SESSION, 1890-91.

SENIOR CLASS

NAME OF STUDENT.	COURSE.	RESIDENCE.	PARENT OR GUARDIAN.
LUCIA BALLARD.....	Special.....	267 Josephine.....	Dr. W. H. Ballard.
S. LILLIAN BARNES.....	Sci.....	206 Prytania.....	Prof. C. A. Barnes.
HENRIETTA K. CUMMINGS.....	Mod. Lan.....	281 St. Andrew.....	A. N. Cummings.
HELEN DEGRANGE.....	Sci.....	119 Prytania.....	J. H. DeGrange.
JOSEPHINE N. DIMITRY.....	Class.....	148 Annunciation.....	T. J. Dimitry.
MAUD M. DWYER.....	Mod. Lan.....	1449 St. Charles.....	J. W. Dwyer.
FLORENCE DYMOND.....	Sci.....	Fourth and Chestnut.....	John Dymond.
GRACE L. GARDNER.....	Special.....	366 Esplanade.....	L. H. Gardner.
FRANCES L. HOWE.....	Mod. Lan.....	216 Second.....	W. W. Howe.
ELIZABETH D. HURT.....	Class.....	319 Second.....	Prof. A. D. Hurt.
MARY McMILLAN.....	Mod. Lan.....	213 Prytania.....	T. J. McMillan.
CHARLOTTE E. MITCHELL.....	Sci.....	240 La. ave.....	A. J. Mitchell.
VIRGINIA MCD. NICHOLLS.....	Mod. Lan.....	230 Josephine.....	F. T. Nicholls.
A. ELIZABETH WATTS.....	Special.....	Alexandria, La.....	G. O. Watts.

JUNIOR CLASS.

SOPHIE BACHMAN.....	Sci.....	168 Phillip.....	R. F. W. Bachman.
ELLA B. ERNEST.....	Sci.....	86 Eleanor.....	Frederick Ernest.
MARY GILMORE.....	Mod. Lan.....	261 Camp.....	J. Y. Gilmore.
STELLA C. IVY.....	Clas.....	Chestnut & Ferdinand.....	J. A. Ivy.
JENNIE T. MULLAN.....	Special.....	Berlin and Pitt.....	H. T. Mullan.
JULIA SANSUM.....	Special.....	462 Prytania.....	O. B. Sansum.

SOPHOMORE CLASS.

MAGGIE BEASLEY.....	Special.....	Napoleonville, La.....	Wm. H. Beasley.
MARGARET C. BETTISON.....	Sci.....	191 Robin.....	Prof. U. Bettison.
ALICE HOARMAN.....	Sci.....	451 Magazine.....	Mrs. C. J. Terrell.
FANNIE BRADFORD.....	Mod. Lan.....	228 Phillip.....	Jno. T. Hardie.
MAUD CAMPBELL.....	Mod. Lan.....	334 Second.....	Wm. Campbell.
BELLA COLEMAN.....	Mod. Lan.....	1281 St. Charles.....	J. W. Coleman.
ANNA COYLE.....	Mod. Lan.....	283 St. Mary.....	W. G. Coyle.
JOSIE CRAIG.....	Mod. Lan.....	242 Phillip.....	R. E. Craig.
MARY LOU EVANS.....	Special.....	Hurst and Arabella.....	Rev. C. F. Evans.
FANNIE L. ESHLEMAN.....	Mod. Lan.....	210 Third.....	B. F. Eshleman.
ETHEL FORMAN.....	Mod. Lan.....	1544 St. Charles.....	B. R. Forman.
EMMA FRERE.....	Sci.....	Franklin, La.....	Alexander Frere.
ELIZA HARRAL.....	Mod. Lan.....	206 Second.....	J. A. Harral.
ELIZABETH HENDERSON.....	Mod. Lan.....	230 Prytania.....	Wm. Henderson.
BELLA ISRAEL.....	Mod. Lan.....	Donaldsonville, La.....	J. Libermuth.
EVELYN R. KENNEDY.....	Sci.....	326 Camp.....	H. A. Kennedy.
RUTH LEEDS.....	Special.....	41 Coliseum.....	Chas. J. Leeds.
ETHEL PERKINS.....	Mod. Lan.....	135 Delachaise.....	Mrs. A. O. Perkins.
MARTHA RICHMOND.....	Sci.....	175 Fourth.....	F. E. Richmond.
REBECCA WARD.....	Special.....	200 Jackson.....	Mrs. E. H. Ward.

FRESHMAN CLASS.

NAME OF STUDENT.	COURSE.	RESIDENCE.	PARENT OR GUARDIAN.
ALICE BEASLEY.....	Special.....	Napoleonville, La.....	Wm. H. Beasley.
VIRA BOARMAN.....	Sci.....	451 Magazine.....	Mrs. C. J. Terrell.
OLIVE BORLAND.....	Sci.....	260 Philip.....	Euclid Borland.
BESSIE BORLAND.....	Sci.....	260 Philip.....	Euclid Borland.
KATE BRINGHURST.....	Mod. Lan.....	Alexandria, La.....	R. W. Bringhurst.
MAUD DU ROY.....	Sci.....	Opelousas, La.....	Chas. W. Du Roy.
LOTTIE GALLEHER.....	Special.....	657 Carondelet.....	Rt. Rev. J. N. Galleher
BETTIE HAAS.....	Mod. Lan.....	450 Baronne.....	I. Haas.
HELEN KATZ.....	Special.....	709 Magazine.....	S. Katz.
OCTAVIE LAZARD.....	Special.....	415 St. Charles.....	C. Lazard.
IRMA LEUCHT.....	Mod. Lan.....	224 Carondelet.....	Rev. I. L. Leucht.
CLARA LEVY.....	Special.....	458 Baronne.....	Mrs. M. Levy.
EDITH LEVY.....	Special.....	509 Magazine.....	Felix W. Levy.
MARY G. MATTHEWS.....	Mod. Lan.....	247 Second.....	W. H. Matthews.
AMELIE MAYER.....	Mod. Lan.....	81 Prytania.....	Albert Mayer.
AMELIE NEUGASS.....	Special.....	412 St. Charles.....	H. Neugass.
MATTIE E. PUGH.....	Mod. Lan.....	Donaldsonville, La.....	E. N. Pugh
AZELIE SCHNEIDAU.....	Mod. Lan.....	Nashville and Hurst.....	Mrs. F. A. Schneidau.
IRENE TYLER.....	Mod. Lan.....	180 Washington.....	Mrs. Julia Tyler.
LOUISE WOOD.....	Mod. Lan.....	Robert and Baronne.....	Wm. Wood.
LEONORA WOODS.....	Mod. Lan.....	194 Louisiana avenue.....	J. B. Woods.
KATE WEDGE.....	Special.....	Clinton, La.....	D. J. Wedge.
HELEN M. WRIGHT.....	Special.....	182 Clio.....	Hamilton Wright.

SPECIAL LITERARY STUDENTS.

EDITH ADAMSON.....	Oak Park, Ill.....	R. J. Adamson.
AILENE BELDEN.....	409 St. Charles.....	Dr. J. G. Belden.
ROSINE BRITTIN.....	167 Camp.....	A. Brittin.
BESSIE ESHLEMAN.....	210 Third.....	B. F. Eshleman.
ELLEN EUSTIS.....	230 Jackson.....	C. Eustis.
JULIE FREIDHIEM.....	Camden, Ark.....	J. B. Freidhiem.
OPHELIA GUMBEL.....	264 Prytania.....	S. Gumbel.
FLORENCE GLENN.....	339 Josephine.....	John W. Glenn.
BESSIE HOWE.....	216 Second.....	W. W. Howe.
HENRIETTA JONES.....	Iowa, La.....	J. N. Jones.
EVALENA JONES.....	Iowa, La.....	J. N. Jones.
HATTIE MASON.....	313 Josephine.....	Mrs. Jas. T. Rodd.
ABBIE MOORE.....	507 Magazine.....	C. M. Moore.
ELLEN B. MOORMAN.....	Canton, Miss.....	H. Moorman.
ELEANOR PAYNE.....	280 St. Andrew.....	H. M. Payne.
MAGGIE POWERS.....	301 South Liberty.....	James Powers.
BESSIE PUGH.....	Donaldsonville, La.....	E. N. Pugh.
ROSA O. REYNOLDS.....	Fort Smith, Ark.....	J. E. Reynolds.
HULDA RAWLE.....	Natchez, Miss.....	John Rawle.
KATHLEEN SALTER.....	332 Second.....	T. S. Salter.
AGNES STEWART.....	237 Philip.....	A. Stewart.
STELLA SEEBOLD.....	462 Canal.....	W. E. Seebold.
MARY C. SPENCER.....	Baton Rouge, La.....	T. Sambola Jones.
MARTHA N. TUTT.....	254 Jackson.....	Mrs. W. F. Tutt.
HATTIE WEIL.....	Alexandria, La.....	John Weil.

SPECIAL ART STUDENTS.

J. G. BELDEN.....	409 St. Charles.....	Dr. J. G. Belden.
KATIE BUCKNER.....	Third and Coliseum.....	Newton Buckner.
ALICE COCKBURN.....	479 St. Charles.....	P. J. Cockburn.
NELLIE CARTER.....	St. Louis, Mo.....	A. J. Carter.
JENNIE DAY.....	244 Prytania.....	
EMMA DRYSDALE.....	246 Third.....	

NAME OF STUDENTS.	RESIDENCE.	PARENTS OR GUARDIANS.
ESTHER ELLIOTT.....	First and Prytania.....	Dr. J. B. Elliott.
CAMILLE FAIRCHILD.....	429 Prytania.....	H. W. Fairchild.
N. FARWELL.....	196 Felicity.....	
LIZZIE FORMAN.....	1544 St. Charles.....	B. R. Forman.
MRS. JOHN R. FICKLEN.....	Lee Circle.....	
FINETTE GERARD.....	Iberville, La.....	Mrs. A. Gerard.
EDITH HALL.....	Second and Coliseum.....	H. H. Hall.
MATTIE HARRIS.....	Staunton, Va.....	
MRS. C. C. HAWTHORNE.....	Arkansas.....	
SALLIE HENDERSON.....	230 Prytania.....	Wm. Henderson.
HELENA HOOVER.....	244 Foucher.....	
MR. D. F. HOOVER.....	244 Foucher.....	
IRANIE JAMISON.....	248 Baronne.....	
FRANCES D. JONES.....	156 Washington.....	Dr. Joseph Jones.
LILLA KENNEDY.....	326 Camp.....	H. A. Kennedy.
NINA A. KING.....	530 Baronne.....	Mrs. W. W. King.
ANNA LANGBECKER.....	Donaldsonville, La.....	E. Langbecker.
EMMA MALONEY.....	Camp and Josephine.....	Dr. J. H. Maloney.
ANNETTE MCCONNELL.....	481 St. Charles.....	James McConnell.
DESIREE ROMAN.....	224 Esplanade.....	
MARGARET REID.....	Mankato, Minn.....	
KATE R. RIGGS.....	Carondelet and Lyons.....	
MRS. WM. RAILEY.....	631 Camp.....	
MEDORA ROSS.....	1397 St. Charles.....	
MRS. DAVIS SESSUMS.....	St. Charles, near Sixth st.....	
R. URQUHART.....	1305 St. Charles.....	
GERTRUDE VAN DER WYDE.....	297 Jackson.....	
KATE R. WALKER.....	Pass Christian, Miss.....	
MRS. E. WOODWARD.....	268 St. Charles.....	

PREPARATORY CLASSES.

OLIVE AIRHEART.....	223 Camp.....	J. L. Airheart.
ANNIE ALLINGHAM.....	62 Chestnut, Algiers.....	Edward Allingham.
OLIVIA BOATNER.....	220½ Napoleon ave.....	E. S. Boatner.
GERTRUDE BLAKE.....	511 Prytania.....	J. H. Blake.
ELVIRA BRINGHURST.....	Alexandria, La.....	R. W. Bringhurst.
NELLIE G. BURBANK.....	1493 St. Charles.....	E. W. Burbank.
LAURA CAMPBELL.....	334 Second.....	Wm. Campbell.
EDNA COCRAM.....	Eighth, near Chestnut.....	J. W. Cocram.
MAUD DEMAREST.....	515 Prytania.....	E. J. Demarest.
MYRTINA DICKINSON.....	76 Caliope.....	M. M. Dickinson.
CLINO DIMITRY.....	148 Annunciation.....	T. J. Dimitry.
JESSE DEWOLFE.....	165 Fourth.....	W. H. DeWolfe.
CHARLOTTE ELLIOTT.....	First and Prytania.....	Dr. J. B. Elliott.
ESTHER FINLAY.....	198 Julia.....	Alex. K. Finlay.
NOEL L. FORSYTH.....	First and Prytania.....	H. D. Forsyth.
ROBBIE GIFFIN.....	245 Foucher.....	Ambrose Smith.
ELLA GRUNEWALD.....	166 Sixth.....	Mrs. E. Grunewald.
LOUISE V. GUION.....	Napoleonville, La.....	Walter Guion.
CLARA M. GUTHRIE.....	158 Constance.....	J. B. Guthrie.
LELIA HARDIE.....	228 Philip.....	John T. Hardie.
CLARISSE HAILE.....	198 Peters ave.....	C. V. Haile.
CAMILLA HERNSHEIM.....	963 St. Charles.....	S. Hernsheim.
EDWA HELLWEGE.....	1306 St. Charles.....	Peter Hellwege.
MAUD HOLBROOK.....	555 Camp.....	F. R. Holbrook.
AVA HOLMES.....	279 St. Charles.....	John Holmes.
ALICE HOLLOWAY.....	St. John's Parish, La.....	J. M. Holloway.
MAY M. IVY.....	Ferdinand and Chestnut.....	Rev. J. A. Ivy.
HATTIE C. JOOR.....	939 Laurel.....	Prof. J. F. Joor.
IRENE KEEP.....	142 Berlin.....	E. H. Keep.

NAME OF STUDENTS.	RESIDENCE.	PARENTS OR GUARDIANS.
BERTHA KRUMBHAAR	273 St. Andrew.....	W. B. Krumbhaar.
VIRGINIA LOGAN.....	241 Prytania.....	Dr. S. Logan.
MABEL LYMAN	221 Carrollton Ave.....	W. R. Lyman.
CLARA MATTHEWS	247 Second.....	W. H. Matthews.
LUCY MACMURDO	561 Prytania.....	C. Macmurdo.
ELIZABETH NICHOLLS.....	320 Josephine	Gov. F. T. Nicholls.
ALICE PRICE.....	483 Carondelet	H. H. Price.
EDITH B. PALFREY.....	230 Fourth.....	Chas. Palfrey.
EVELYN C. REED	Camp and Leontine	Prof. L. C. Reed.
CARRIE RICHARDSON.....	108 Sixth.....	F. L. Richardson.
ELEANORA RICE	935 Camp	A. Rice.
ODETTE ROUSSELLE.....	151 Coliseum	J. Rouselle.
JENNIE C. SALTER.....	332 Second.....	T. S. Salter.
CORA SCHRIEVER	603 St. Charles.....	J. G. Schriever.
LOUISE M. SEGUIN.....	764 Magazine.....	J. D. Seguin.
ANNIE C. STONE.....	254 Jackson	J. W. Stone.
ELSIE R. SNIVELY	63 Chestnut	Rev. W. A. Snively
ANNIE SCHAEFER	1377 St. Charles	H. F. C. Schaefer.
CARINE TEBAUT.....	7 North St.....	Dr. C. H. Tebault.
ZILLAH THOMAS	231 Prytania	J. W. Thomas.
LILLIE THOMAS	231 Prytania	J. W. Thomas.
MABEL TROUSDALE	218 Milan	A. P. Trousdale.
ETHEL WALKER	Chestnut and Arabella.....	George Walker.
EDITH WATKINS	369 St. Andrew.....	Dr. W. H. Watkins.
REBECCA WOODS.....	194 Louisiana ave.....	J. B. Woods.
JOSIE WOOTEN	454 Magazine.....	W. L. Wooten.

RECAPITULATION.

Senior Class	14
Junior Class	6
Sophomore Class.....	20
Freshman Class	23
Specials:	
Literary	25
Art.....	35
Preparatory.....	55
Total	178

H. SOPHIE NEWCOMB MEMORIAL COLLEGE.

The H. Sophie Newcomb Memorial College is devoted to the higher education of young women. It was founded in 1886, by Mrs. Josephine Louise Newcomb, as a memorial to her daughter. In pursuance of the design of its founder, it has adopted a system of instruction which is believed to be liberal and thorough.

The location in the city of New Orleans is an advantageous one on account of its accessibility from all parts of the South, the educational facilities to be enjoyed in its libraries and museums, and the mildness of its climate throughout the college year. Erroneous impressions concerning the healthfulness of this city are gradually being corrected, and each succeeding season brings from the North and East a larger number of winter residents. A comparison of medical records discloses the fact that the health of New Orleans is not surpassed by any other large city in the United States; it has had only two epidemics of yellow fever in the past thirty years, both occurring in the vacation months; and the experience of the past twelve years has demonstrated that this disease can be effectually excluded.

The climate of New Orleans offers peculiar inducements to those who find it difficult to endure the severe and changeable weather of the Northern States. By reason of its position, which is practically insular, the city is protected alike from the extremes of cold and heat that occur throughout the greater part of the Mississippi and Ohio valley; a freezing temperature is seldom reached in winter, and the heats of summer are tempered by the constant gulf breezes; life in the open air is pleasant throughout the college year, and the students enjoy an immunity from colds and many pulmonary and nervous ailments which are caused or aggravated by the severity of northern winters.

LOCATION.

The college buildings occupy a large square, several acres in extent, on Washington avenue, Camp, Chestnut, and Sixth streets, in the choice residence section of the city. This site, recently secured to the institution by a new donation from its generous founder, is in every respect admirable. For beauty of situation and surroundings, it is

unsurpassed in the city. Its extensive grounds, shaded by numerous live oaks, palms, and other trees and shrubbery, afford ample opportunity for open air recreation.

Besides the various class and study rooms, the main building contains a chapel, a memorial room, a large assembly room and lecture hall capable of seating an audience of 700 or 800, and numerous art studios. The physical, chemical and biological laboratories, are placed in a separate building.

Scholarship.—Mrs. Ida A. Richardson, of New Orleans, having generously donated the sum of \$1500 for the endowment of a scholarship in the College, to be filled by a graduate of the New Orleans Public High Schools, the Board of Administrators have adopted the following regulations upon the subject:

1. The Cora A. Slocum Scholarship in the H. Sophie Newcomb Memorial College is offered as an award to a graduate from one of the New Orleans Public High Schools on the following conditions:

2. The scholarship will be awarded to the applicant who shall make the highest record in a competitive examination to be held at the college on the date fixed by its catalogue for the beginning of its session.

3. Only those will be considered eligible who are qualified for admission to one of the regular college courses, who have been members of the class last graduated from one of the High Schools, and who are recommended by its principal.

4. The examination shall be in writing and shall be conducted by the faculty of the H. Sophie Newcomb Memorial College, or by those whom it may appoint for the purpose.

The first appointment to this scholarship will be made at the opening of the next annual session, October 1, 1891.

ADMISSION OF STUDENTS.

For admission to the Freshman Class a satisfactory preparation in the following subjects is required of all applicants:

General Arithmetic, including a knowledge of the metric system.

Algebra, through quadratic equations.

Plane Geometry, two books of Wentworth or Chauvenet, or their equivalent.

English Grammar and Analysis.

Elements of Rhetoric, as given in Hart's Composition and Rhetoric, or D. P. Hill's Rhetoric, or equivalent. It is also very desirable and strongly recommended that all applicants should possess some familiarity with the elements of English and American literature, and should have carefully read or studied a few of the best works of standard authors.

Geography, political and physical.

United States History.

General History, as given in Myer's General History, or its equivalent.

Elements of Physiology.

For admission to the different courses of study the following additional requirements are made:

MODERN LANGUAGE COURSE: French, a full two years course. The applicant should be able to translate at sight easy English prose into French, and should possess such familiarity with the French grammar and vocabulary as to be able to follow without difficulty all the class instruction and examinations, which are to be conducted entirely in French.

Instead of French, a like preparation in German will be accepted.

After the year closing June, 1891, for admission in full standing to this course, German will be required in addition to French, and the amount so required will be increased from year to year, until a full two years preparation is reached.

SCIENTIFIC COURSE:

Latin Grammar and Reader, and three books of Caesar, De Bello Gallico.

[The Roman method of pronunciation is used.]

French or German, as in the Modern Language Course.

CLASSICAL COURSE:

Latin, as in the Scientific Course.

Greek, Frost's Greek Primer, or its equivalent.

[Continental method of pronunciation is used.]

It is recommended that the applicant be prepared in French or German, as in the Scientific Course.

Owing to the fact that less than the usual amount of Latin and Greek is required for admission, effort is made to secure, in the college course, the fullest possible results in these languages. It is expected that the requirements for admission to the Classical and Scientific Courses will be increased as rapidly as prevailing conditions will permit and until they are identical with those of colleges of the first grade elsewhere.

PREPARATORY CLASSES.

For the purpose of affording to those who may wish or need a preliminary course of study specially designed as a preparation for collegiate work, it has been found desirable to establish academic or preparatory classes. For admission to these the student should be at least thirteen years of age, and qualified to begin the study of Algebra, Latin, or a modern language, General History and Physical Geography. Attention is directed to the need of a thorough previous preparation in

Arithmetic, through percentage; English Grammar, Geography, and the outlines of United States History.

The studies pursued by the preparatory classes are to be as follows:

Advanced Arithmetic, Algebra, Inventional Geometry, Plane Geometry.

Advanced Grammar, and Elements of Rhetoric.

Physical Geography; Elements of Physiology.

United States History; Outlines of the World's History.

Industrial Drawing.

Latin, Greek, French, and German, as may be needed for the college course desired.

COLLEGES COURSES OF STUDY.

Students of the college may select any one of the three courses of study, the Classical, Scientific, or Modern Languages, each of which presents a well rounded curriculum, and leads to the degree of Bachelor of Arts.

The satisfactory completion of special or optional studies will be rewarded with a special certificate, setting forth the amount of work accomplished.

On examination of these courses of study, it will be noticed that special prominence has been given to the study of art, which is required in certain amount of all students not signally disqualified. No extra charge is made for this study, and it may be continued as far and in as many directions as the time and inclination of the student and the judgment of the faculty may permit. These opportunities are offered in the conviction that the advantages to be derived are of the highest value in the cultivation of correct taste, at the same time that it offers desirable relaxation from the more exacting work of the class room.

No idea can be more mistaken than that art education has for its object the preparation of the student for the vocation of an artist. Its successful pursuit does not, therefore, depend upon special talent any more than in the case of mathematics or the languages; but, like them, is designed to develop and strengthen faculties which otherwise might not be discovered. Simply stated, the study of art has a twofold purpose. On the one side it trains the eye and hand and develops the sense of mastery over material; on the other it cultivates an intelligent appreciation of the beautiful through the study and imitation of masterpieces of art, and in original design. Attention is here called to the Normal Art Course, which is believed to offer advantages of opportunity and instruction unequalled in the south and unsurpassed in the United States.

NEWCOMB COLLEGE COURSES.

CLASS.	CLASSICAL.	Lessons per Week.	SCIENTIFIC.	Lessons per Week.	MODERN LANGUAGES.	Lessons per Week.
FRESHMAN	Latin.....4 Greek.....4 English.....3 Geometry.....4 Ancient History.....3 Industrial Drawing.....3 French or German.....3	4	Latin.....4 Biology.....3 English.....3 Geometry.....4 Ancient History.....3 Industrial Drawing.....3 French or German.....3	4	Latin (optional).....4 English.....3 Geometry.....4 Ancient History.....3 Industrial Drawing.....3 French.....3 German.....3	4
SOPHOMORE	Latin.....4 Greek.....4 English Literature.....3 Higher Algebra and Trigonometry.....4 Mediæval History.....3 Drawing and Design (optional).....3 French or German.....3	4	Latin.....4 English Literature.....3 Higher Algebra and Trigonometry.....4 Physical Laboratory.....6 Drawing and Design.....3 French or German.....3	4	Latin (optional).....4 English Literature.....3 Higher Algebra and Trigonometry.....4 Mediæval History.....3 Drawing and Design.....3 French.....3 German.....3	4
JUNIOR	Latin.....4 Greek.....4 Standard English Authors.....3 Physics.....3 Psychology.....3 Art (optional).....3 French or German.....3	4	Latin (optional).....4 Chemical Laboratory.....6 Analytical Geometry.....4 Psychology.....3 Decorative Art.....3 German or French.....3	4	Latin (optional).....4 Standard English Authors.....3 Physics.....3 Psychology.....3 Art (optional).....3 French.....3 German.....3	4
SENIOR	Latin.....4 Greek.....4 English.....4 Constitutional History.....3 Chemistry.....3 Ethics.....3 French or German.....3	4	Latin (optional).....4 Differential and Integral Calculus.....3 Chemical Laboratory.....6 Astronomy.....2 Geology.....2 Ethics.....3 Art (optional).....3 German, or French.....3	4	Latin (optional).....4 English.....3 Constitutional History.....3 Chemistry.....3 Ethics.....3 French.....3 German.....3	4

SPECIAL STUDENTS.

Although students are strongly urged to take one of the regular courses, it may nevertheless occur that, for various reasons, some will decide to pursue a partial course, or confine their work to a single branch. For such special students provision will be made, and each one who shall complete with credit the work prescribed in any study shall be entitled to a certificate of excellence. These special courses will be of value to those who intend to prepare themselves for teaching some particular branch, or those who, having completed their school or college career, nevertheless are unwilling to abandon further intellectual pursuits, and desire to devote a part of their time to the prosecution of some favorite study. In addition to the special courses in Language, Chemical and Physical Laboratory and Art, Lecture Courses in French and English Literature, in History, and in Psychology will be given during the second and third quarters of the coming session.

DETAILED STATEMENT OF WORK PROPOSED IN THE VARIOUS COURSES.

MATHEMATICS.—*Freshman Year*—Wentworth's Geometry completed.

Sophomore Year—Wentworth's Algebra, and Trigonometry, completed.

Junior Year—Analytical Geometry.

Senior Year—Differential and Integral Calculus, and Astronomy.

ENGLISH.—*Freshman Year*—Genung's Practical Rhetoric with Rhetorical Analysis. Lectures on American authors. Recitations of selections from American authors. Eight essays on miscellaneous subjects required during the year.

Sophomore Year—English Literature; text-book, Development of English Literature and Language, by A. H. Welsh. Analytical study of specimens, criticisms and abstracts. Twelve essays during the year.

Junior Year—Development of Literature continued, with principles of criticism, and supplementary study of sixteenth and seventeenth century authors from originals. Ten essays during the year, one each on Epic, Lyric, and Dramatic Poetry, History, Biography, Essay, Modern Novel, and three studies in Literature.

Senior Year—Dramatic Studies from Shakspeare, Ben Jonson, Massinger, Milton's Comus, and Lycidas, the Caroline Lyrists, Dramatists of the Eighteenth Century; with selections from Ruskin,

Matthew Arnold. Geo. Elliott; from Keats, Shelley, Tennyson, the two Brownings, William Morris, and the Dramas of Swinburne.

Four Essays, Historical and Literary Monographs; Four Discussions upon Topics of the Times.

Anglo-Saxon Grammar and Reader with Selections from Beowulf.

HISTORY.—*Freshman Year*—Meyer's Eastern Nations and Greece.

Sophomore Year—Allen's History of Rome.

Junior Year—Meyer's Mediæval and Modern History.

Senior Year—Modern History (continued) with topical study, and original research.

BIOLOGY.—The subject of biology, zoölogy, and botany, is taught by lectures, topical readings, and laboratory exercises. As far as possible the living organisms are made the direct object of study. The laboratory is furnished with microscopes and other needful appliances.

GEOLOGY AND MINERALOGY.—These subjects will be studied in the scientific course throughout the senior year. The studies will be conducted by text-book, lectures, and illustrations. The excellent collection of fossils and minerals contained in the university museum will be freely used.

PHYSICS AND CHEMISTRY.—In Physics, class room exercises, amply illustrated by experiments, are supplemented by laboratory work, to cultivate habits of accuracy by means of quantitative determinations.

In the chemical department much prominence is given to laboratory work. The well-equipped laboratory has accommodations for forty-eight students, a table being assigned to each that she may conduct experiments and record observations separately. By this means students gain an intimate acquaintance with the elementary substances and the synthesis of the more simple combinations.

A course in Qualitative Analysis is followed in the second year by a course in Quantitative Analysis: both gravimetric and volumetric methods are employed. The course includes the study and practice of Blowpipe Analysis.

Attention is also given to the application of Chemistry in the household and the more important industrial operations, the aim being to render the instruction given practical as well as technical in character.

No extra charge is made for chemicals or use of apparatus. Students will be expected to pay for breakage, or to replace apparatus broken by them.

ART IN COLLEGE COURSES.—*Freshman Year*—Constructive and Geometrical Drawing; Freehand Perspective; Elements of Design—Study of Plant Forms.

Sophomore Year—Drawing from Casts and Models. Projection of Solids and Shadows; Decorative Design; Mechanical Perspective.

Junior Year—Mechanical Perspective; Shadows and Reflections; Decorative Design; Cast Drawing; Sketching; Drawing from Life; History of Art.

[For optional study in art see NORMAL ART COURSE.]

FRENCH.—Students in the Science and Modern Language Courses, on admission to the Freshman Class, are expected to read French readily and to understand the spoken language sufficiently well to profit by the class instruction, which will be given entirely in French.

Freshman Year—Larive et Fleury, Première Année de Grammaire; Super's French Reader; Special Study of French Idioms, Conversation, and Memorizing of selected extracts from modern authors.

Sophomore Year—Larive et Fleury, Seconde Année de Grammaire; Lavissee, Histoire de France, seconde année; Reading, selections from best authors; Dictations; Conversation. Careful attention is paid to the study of syntax. Selections in poetry and prose are memorized for the purpose of familiarizing the student with the idioms and beauties of the language.

Junior Year—Larive et Fleury, Troisième Année de Grammaire; Ricard, Manuel de la Littérature Française; Pinard, Histoire de France (cours complet); Lectures des Classiques; Dictation and Conversation. Short essays on historical and abstract subjects, once a week.

Senior Year—Les Ecrivains Modernes de la France, par Bonnefon; Pellissier, Principe de Rhétorique Française; Reading, Alfred de Musset, Victor Hugo, François Coppée, etc., essays on literary subjects.

GERMAN COURSE.—*First Year*—First half of Eysenbach's Grammar, including the Irregular Verbs; Translation; Narrative Prose; Conversation.

Second Year—Grammar completed; Translation; Conversation; Selections from various authors; Geography and Political History of the German Empire.

Third Year—Scientific Grammar (Whitney's); Conversation; Declamation; Translation; Selected Classical Plays; History of German Literature.

Fourth Year—Review of Grammar; Conversation; Composition; History of the German Language; German Mythology.

Lectures (in German) on and Selections from the principal authors of the Middle High German as well as of the New High German

Period. Selected Classical Works. (These selections to be changed each year.)

Dictionary: Whitney's.

LATIN.—*Freshman Year*—Cicero, four Orations; 1st and 2nd against Cataline; 3d, the Manilian Law; 4th, the Poet Archias.

Virgil, *Æneid*, 1st and 2d books.

Sophomore Year—Virgil, *Æneid*, 3d, 5th, and 6th books; Livy, 21st book; Cicero de Amicitia.

Junior Year—Horace, Odes, Ars Poetica; Satires and Epistles; Pliny: Selections from Letters.

Senior Year—Tacitus, Agricola; Juvenal; Plautus; Cicero, De Oratore, De Natura Deorum or De Divinatione.

Sight reading and translations from English into Latin throughout the course.

GREEK.—*Freshman Year*—Xenophon, three books; Homer, Iliad, two books.

Sophomore Year—Homer, Selections from Iliad; Lysias, Selected Orations; Herodotus, books 6 and 7.

Junior Year—Demosthenes, on the Crown; Plato's Apology and Crito.

Senior Year—Æschylus, Prometheus; Selections from the Greek Lyric Poets.

Sight reading and translations from English into Greek throughout the course.

SPECIAL NORMAL ART.

A course in normal art is provided designed to prepare teachers. It unites the study of fine and industrial art and gives special attention to methods of public school art instruction. It extends over four years. Applicants for advanced standing should be thoroughly qualified by previous study and training for entering the desired grade.

A certificate is given at the close of each year.

Although this course is designed to prepare teachers, it is calculated, with the omission of a few subjects, for any student desiring a systematic training and preparation for the pursuit of fine art. Too much can not be urged in favor of the superiority of graded instruction over the desultory pursuit of special subjects. This fact so easily admitted in academic studies is too often disregarded in the study of art.

PREPARATORY.—Study of form with Line and Clay, Cast Drawing, Freehand Perspective, Drawing from Plants, Elements of Design, Elements of Shading in Charcoal, Geometry-Plane, Constructive Drawing.

SECOND YEAR.—Mechanical and Freehand Perspective, Sketching, Shading from Casts and Models, Drawing from Plants, History of Ornament, Elements of Decorative Designs, Plane Geometry, Projection of Solids, Systems of Public School Drawing, Shading in Wash.

THIRD YEAR.—Mechanical and Freehand Perspective, Shading Casts in Charcoal, Water Color, Harmony and Chemistry of Color, Color Design, Drawing from Life, Constructive Design, Projection of Shadows, History of Sculpture.

SENIOR.—Anatomy of Human Figure, Oil Painting, Drawing and Painting from Life, Modeling in Clay, Casting, Design for Reliefs, Wood Carving, Pen Drawing and Etching, History of Painting, Practice in Teaching.

ELECTIVE ART WORK.

In special art the studies are elective. A separate studio, equipped with all necessary fittings, is provided for each study.

PERSPECTIVE AND MODEL DRAWING—These studies are fundamental and form a part of all courses except those directed exclusively to design.

CAST DRAWING—The cast drawing and light and shade room is completely furnished with selected plaster copies of antique statuary and reliefs.

WATER-COLOR PAINTING—Every facility is given for still life and figure painting, according to the best methods for securing independent results and a broad style of handling.

OIL PAINTING is conducted by study from composed groups, and from life.

DESIGN—As the most important study in the useful arts, careful attention is given to design. After the study of the theory has been mastered, efforts are directed to its practical application.

MODELING AND CASTING—Exceptional opportunities are offered for the practical study of terra cotta modeling. The practice of plaster-casting is also provided for.

WOOD CARVING—Wood carving and clay modeling, as means of training the hand to strength and deftness, are invaluable. Applications

of carved designs to useful articles are made as soon as sufficient excellence is obtained.

LIFE DRAWING—Head and Draped figure.

It is believed that drawing from life should begin as soon as a fair proficiency is attained in elementary work. Efforts are directed toward a serious, strong, and accurate style of drawing and painting, and a knowledge of anatomical structure. The grounds about the college afford excellent opportunities for sketching from nature.

BOARDING.

Good boarding can be secured in a number of places near the college. The greatest care will be taken to secure for students suitable accommodations.

TUITION.

The scholastic year is divided into four quarters of nine weeks each. The rates of tuition are as follows:

For the Preparatory Classes, per quarter, \$20.

For the College, per quarter, \$25.

There are no extras.

Special students, for the Art Course, per quarter, \$10.

For other studies, each, \$8.

All dues are payable quarterly in advance. No terms will be made for a shorter period than one quarter.

SESSION.

The College will open on Thursday, October 1, 1891, and regular work will be immediately begun. The date of final exercises and College Commencement is fixed for Saturday, June 18, 1892. Parents and students are reminded of the necessity of beginning the session promptly and of completing it fully. Much difficulty is occasioned by the late arrival and early departure of students, and they are warned that without full attendance they will not be able to maintain their grade.

ATTENDANCE 1890-91.

COLLEGE.

Senior class.....	14
Junior class.....	6
Sophomore class.....	20
Freshman class.....	23
	— 63

SPECIAL.

Literary.....	25
Art.....	31
	— 56
Preparatory.....	55
Total.....	174

CALENDAR SESSION OF 1891-92.

Session opens Thursday, October 1, 1891.
 Second quarter begins Monday, December 7.
 Christmas holidays begin Thursday, December 24.
 College reopens Monday, January 4.
 Semi-annual examinations begin January 9, 1892.
 Third quarter begins Wednesday, February 10.
 Mardi Gras, Tuesday, March 1, 1892.
 Fourth quarter begins Monday, April 18.
 Commencement, Tuesday, June 14, 1892.

TULANE UNIVERSITY OF LOUISIANA.

LAW DEPARTMENT.

FACULTY.

HENRY CARLETON MILLER,

*Professor of Admiralty and International Law, and the
Dean of the Faculty.*

THOMAS JENKINS SEMMES,

*Professor of Constitutional Law, Common Law, and
Equity.*

HENRY DENIS,

*Professor of Civil Law, and Lecturer on the Land Laws
of the United States.*

FRANCIS ADAIR MONROE,

*Professor of Commercial Law and the Law of Corpora-
tions.*

HARRY HINCKLEY HALL,

*Professor of Criminal Law, the Law of Evidence, and
of Practice under the Code of Practice of Louisiana.*

The Law Department was organized in 1847. Under a series of distinguished professors it has been in successful operation ever since.

The degree of Bachelor of Laws granted by the University entitles the person on whom it is conferred to admission to the bar of this State. The graduates of the school constitute a large number of the most respectable practitioners of law in Louisiana. Some of them now occupy high judicial positions.

The great fountain of the jurisprudence of Louisiana is the Roman Civil Law. While it is necessary to study here, as in other States of the Union, the Laws of Nature and Nations, Admiralty and Maritime Law, the Common Law, Equity, and Constitutional Law, it becomes

absolutely requisite to add to these the study of Civil Law, from which the provisions of the Code of Louisiana are mainly borrowed.

The lectures and courses of studies are comprehensive. The Faculty aim to prepare the student for admission to the bar not only in this State, *but also in any of the common-law States of the Union*. The school is not designed or limited to educate one for the practice of the law in Louisiana only. It invites to its lectures all who wish to fit themselves for the practice of the law, no matter where they now reside or in what State they may intend to follow this noble calling. The study of the two great systems of law, side by side, is to the student of any intellectual grasp a long step in the science of Comparative Jurisprudence.

The jurisprudence arising from the conflict of the law of different States and Nations, in their actual application to modern commerce and intercourse, is here practically taught by cases daily arising in the business of private persons.

The Supreme Court, the various courts of the State, the Circuit Court and the District Courts of the United States, hold their sessions in New Orleans during the whole period of the course of lectures of this department of the University. Thus, from the actual administration of justice in these courts, from the discussions at the bar and the opinions of the learned judges, as well as from the lectures of the Professors of the Law Department of the University, students have an opportunity of becoming acquainted with the theory of foreign laws as well as of our own laws, and of familiarizing themselves with the practice of the State and Federal Courts.

The Library of the State has been suitably arranged over the lecture room in the University Building, devoted to the Department of Law, corner of Tulane avenue and University Place. This library consists of nearly thirty thousand volumes, and includes a highly valuable collection of foreign and American legal works, and of law reports. During term time it is open daily from 9 A. M. until 3 P. M., and from 4 P. M. until 6 P. M. The use of the books is secured to the students free of charge, under rules established by the Secretary of State.

Boarding in New Orleans for students can be had at moderate prices. No other city in the Union affords equal advantages for the acquisition of the modern languages.

REGULATIONS.

Every applicant for admission must be personally known to one of the professors, or must be satisfactorily introduced.

Instruction will be given at the school daily during term time by lectures and expositions, and examinations in connection with them.

Moot Courts will be held for the instruction of the students in practice.

There will be a regular Public Commencement of the Department every year.

The Faculty will, previous to the Commencement, determine upon the qualifications of applicants for the degree of Bachelor of Laws, and present their names to the administrators.

The degree of Bachelor of Laws will be conferred on those students only who shall have attended *two full courses* of lectures; or *one full course*, after having pursued their studies for the term of twelve months under the direction of a respectable counselor-at-law, or in an institution having power to confer the degree of Bachelor of Laws, and who shall, on examination by the professors, be found worthy of the honor.

The degree will be conferred on Commencement Day, in public, according to the forms usually observed in Universities.

The degree will not be conferred on any student under the age of twenty-one years, or who shall not attain that age on or before the 15th day of November next after his application for the degree. But in no case will the diploma be delivered until the graduate reach his majority.

Every graduate of this Department is entitled to attend the lectures without charge.

No matriculation fee is now required. Diplomas will be granted without charge therefor. Eighty dollars, payable in advance, is the only charge made by this Department for the lectures and instruction of an entire session.

Students may enter at any stage of their professional studies, and at any time in the term; they may avail themselves of the advantages of the school in whatever manner and to whatever extent they may see fit. But those who join the class after the 15th of January will not be considered as having taken a full course.

The next annual session of this Department will begin Monday, November 16, 1891, and terminate in the ensuing month of May.

The exercises for the session 1891-92 will be opened by the Dean, by public lecture, at 6:30 P. M., on the 16th day of November.

Daily thereafter, at the customary hours, the regular lectures of the session will be delivered. These lectures will be open to none but matriculates and graduates of this Law School, except upon especial invitation.

Commencement exercises, May, 1892.

All communications should be addressed to

HENRY C. MILLER,

Dean of the Faculty of Law,

27 Commercial Place, New Orleans, La.

TEXT-BOOKS OF THE LAW DEPARTMENT.

KENT'S COMMENTARIES.
WOOLSEY'S INTERNATIONAL LAW.
WHEATON'S INTERNATIONAL LAW.
CONKLIN'S U. S. ADMIRALTY.
CIVIL CODE OF LA. AND CODE OF PRACTICE.
COOPER'S JUSTINIAN.
LAURENT, COURS DE DROIT CIVIL.
MARCADÉ ON THE FRENCH CODE; or
MOURLON, RÉPÉTITIONS ÉCRITES, Etc.
BLACKSTONE'S COMMENTARIES.
STORY'S EQUITY JURISPRUDENCE.
SMITH'S MANUAL OF EQUITY.
SMITH'S MERCANTILE LAW.
STORY ON BILLS OF EXCHANGE AND PROMISSORY NOTES.
ABBOTT ON SHIPPING.
ARNOULD ON INSURANCE.
GREENLEAF ON EVIDENCE.

ROLL OF LAW STUDENTS.

SESSION 1890-91.

Bradford, Sidney.	Madison, H. F.
Brewer, W. F.	Maguire, J. R.
Brown, M. J.	Maloney, R. J.
Brownlee, C. H.	Martin, G. A.
Caffery, Don., Jr.	Milner, P. M.
Castleman, T. W.	Montgomery, R. B.
Crusel, L. E.	Mitchell, A. R., Jr.
Dufour, W. C.	Patton, M. W.
Edwards, Wm. P.	Peete, Richard.
Ellis, T. S.	Perkins, R. J., Jr.
Eustis, C. M.	Pessou, A. O.
Fagan, H. L.	Poche, Henry F.
Fahey, W. B.	Pray, W. O.
Fenner, C. P.	Robinson, H. E.
Formento, Wm. J.	Robinson, H. W.
Garland, C. F.	Romain, Armand G

Guilbeau, T. T.	Roussell, Paul W.
Guilbeau, P. L.	Schreiber, C. A.
Hall, L. E.	Semmes, T. J., Jr.
Harris, Dayton W.	Soule, A. L.
Hart, S. J.	Soule, E. E.
Holt, M. J.	Spencer, Walker B.
Kahn, A.	Stiegler, C. F.
Kemp, F. N.	Stone, B.
Kennedy, John L.	Tichenor, R. A.
Looney, F. J.	Watts, O. N. O.
Longshore, Noah W.	Webster, B. R.
McClendon, F. W.	Wolf, Solomon.
Madison, C. T.	

GRADUATES—JUNE 16, 1891.

Bradford, Sidney.	Madison, Henry Flood.
Brewer, William Foster.	Maloney, Robert J.
Brownlee, Charles Henry.	Mitchell, Absalom Russell.
Caffery, Don., Jr.	McClendon, Eugene Wellington.
Crusel, L. Emile.	Patton, Mercer Williams.
Edwards, William Pierpont.	Pray, William O.
Ellis, Thomas Stephen.	Robinson, Henry Warmoth.
Eustis, Clifford Morton.	Soule, Albert Lee.
Fenner, Charles Payne.	Soule, Edward E.
Hall, Luther Egbert.	Spencer, Walker Brainerd.
Holt, M. J.	Stone, Bernard.
Kahn, Arthur.	Watts, Otto Nash Ogden.
Madison, Charles Tew.	

MEDICAL DEPARTMENT.

FACULTY.

- T. G. RICHARDSON, M. D.,
Emeritus Professor of Surgery.
- STANFORD E. CHAILLE, M. D.,
Professor of Physiology, Hygiene and Pathological Anatomy.
- JOSEPH JONES, M. D.,
Professor of Chemistry and Clinical Medicine.
- ERNEST S. LEWIS, M. D.,
Professor of General and Clinical Obstetrics and Diseases of Women and Children.
- SAMUEL LOGAN, M. D.,
Professor of General and Clinical Surgery.
- JNO. B. ELLIOTT, M. D.,
Professor of the Theory and Practice of Medicine and Clinical Medicine.
- EDMOND SOUCHON, M. D.,
Professor of Anatomy and Clinical Surgery.
- A. B. MILES, M. D.,
Professor of Materia Medica and Therapeutics.

LECTURERS, CLINICAL INSTRUCTORS, DEMONSTRATORS.

- W. C. AYERS, M. D.,
Lecturer and Clinical Instructor on Diseases of Eye and Ear.
- H. W. BLANC, M. D.,
Lecturer and Clinical Instructor on Dermatology.
- L. F. REYNAUD, M. D.,
Lecturer and Clinical Instructor on Physical Diagnosis.

- HENRY BAYON, M. D.,
Lecturer and Clinical Instructor on Physical Diagnosis.
- J. D. BLOOM, M. D.,
Lecturer and Clinical Instructor on Diseases of Children.
- LUTHER SEXTON, M. D.,
Lecturer and Clinical Instructor on Minor Surgery.
- RUDOLPH MATAS, M. D.,
Demonstrator of Anatomy.
- A. McSHANE, M. D.,
Assistant Demonstrator of Anatomy.
- P. E. ARCHINARD, M. D.,
Demonstrator of Microscopical Anatomy and of Bacteriology.
- A. L. METZ, M. PH.,
Instructor of Practical Pharmacy.

MEDICAL DEPARTMENT.

The institution, founded in 1834 as the "Medical College of Louisiana," became in 1847 the "Medical Department of the University of Louisiana," and in 1884 the "Medical Department of the Tulane University of Louisiana." It is the oldest medical college in the southwest, and has the greatest number of alumni and of students. To April, 1891, it had registered the names of 9693 students, and of these it had conferred diplomas on 2817—namely, on 2605 graduates in medicine, and 212 graduates in pharmacy.

The next annual course of instruction in this department, now in the fifty-eighth year of its existence, will begin on Monday, October 19, 1891. The commencement will be held on Wednesday, April 6, 1892. The first two weeks of the term will be devoted especially to Clinical Medicine, Surgery, Obstetrics, and Gynæcology, in the wards and amphitheatre of the Charity Hospital; Practical Chemistry in the Chemical Laboratory, under the direction of the Professor; and Practical Anatomy in the spacious and well ventilated anatomical rooms of the University.

The peculiar feature of the school is its unequaled hospital and anatomical advantages, to which the faculty would direct the special attention not only of medical students, but also of graduates of other schools.

CLINICAL INSTRUCTION AT THE CHARITY HOSPITAL.

It is universally admitted that without abundant anatomical and clinical material, no medical school, however numerous or eloquent its professors, can possibly fit its pupils for practical professional life. It is scarcely necessary to state that it is only in large cities that such advantages can be procured; but it is of paramount importance that the opportunities there afforded should be properly utilized; that the students should be required, under the direction of the teacher, to examine patients for themselves, to keep record of cases, to note daily changes which may occur, and thus acquaint themselves by personal observation with the progress and termination of diseases and accidents. The mere introduction of a patient into an amphitheatre, and the discussion of his case by the professor in the presence of a large class, is no substitute for bedside instruction, such as is offered by the great

Charity Hospital of New Orleans; and no reduction of lecture fees, not even their entire abolition, can possibly compensate for the lack of such opportunities. The use of the wards of this noble institution, with its *seven hundred beds*, and its annual occupancy thereof by from six to eight thousand patients, has been given by acts of the Legislature to the Professors of the Medical Department of the Tulane University of Louisiana for the practical instruction of its students, not only in Medicine and Surgery, but also in Obstetrics and Gynæcology. Medical students are given access to the Charity Hospital, without payment of any hospital fees, and far better opportunities for the study of diseases therein than are usually enjoyed in the hospitals of other cities. For the study of the diseases of the Southwest there is no field comparable to the wards of this hospital. Between the buildings of the Medical Department and the Charity Hospital there are only six squares, which distance is readily walked within six minutes.

All the professors are Attending Physicians or Surgeons of the Hospital, and visit their wards daily, accompanied by the students, who are thus brought into immediate contact with the sick and wounded, and are taught practically auscultation and percussion, analysis of urine, the use of the microscope in diagnosis, the application of dressings, etc. Surgical operations are performed and lectures delivered upon selected cases in the amphitheatre of the hospital.

Special clinical instruction is given to the candidates for graduation and to all students, who are for this purpose divided into classes, and assigned to the respective professors and clinical instructors in charge of wards in the Hospital. The classes thus formed interchange courses, so as to enable all students to enjoy equal advantages. Competent Chiefs of Clinic aid the clinical teachers in developing this system of instruction.

The regular lectures at the Hospital, on Clinical Medicine, by Professors Elliot and Jones; on Surgery, by Professors Logan and Souchon; and on Obstetrics and Diseases of Women and Children, by Professor Lewis, will be delivered in the amphitheatre, daily, between 8:30 A. M. and 12 M.

Post-mortem examinations are made in the presence of the class by the Professors of Pathological Anatomy.

Diseases of the Eye and Ear are taught in the eye-wards and amphitheatre of the Hospital and constitute a part of the curriculum of the surgical chair.

Special instruction in diseases of the skin, diseases of children, physical diagnosis, and minor surgery, is given by the Lecturers on these subjects.

The Administrators of the Charity Hospital elect annually, by competitive examination in March, fourteen resident students, who are entitled to board and lodging in the institution free of charge. Two resident students in the Touro Infirmary are also similarly elected annually.

LECTURES.

Order of Lectures.—The programme will be so arranged that the lectures upon the elementary branches, taught by the four chairs of Chemistry, Anatomy, Physiology and Materia Medica, will occupy a somewhat larger proportion of hours during the first eleven weeks of the session than the practical studies, Practice of Medicine, Surgery, Obstetrics, and Gynæcology. On this account it is very important that the student should enter promptly at the opening of the term.

Didactic Lectures.—Systematic didactic instruction in the various branches will be given daily, immediately after the Hospital clinics, in the central building of the University, situated on Tulane avenue, between Baronne and Dryades streets. The means for illustrating this course consists of models in wood, wax, plaster and papier maché of rare and beautiful workmanship, executed in London, Paris and Florence, expressly for the University; a complete series of specimens in materia medica, surgical and obstetrical instruments and appliances, a large collection of natural anatomical preparations, specimens in morbid anatomy, and a set of chemical and philosophical apparatus. The Professor of Anatomy, after his lectures, teaches microscopic anatomy with specimens under the microscope.

The faculty call attention to the fact that the subject of Hygiene has been added to the regular curriculum of the school. This course is obligatory on students.

REQUISITES FOR GRADUATION.

- I.—The candidate must be of good moral character, and have attained the age of twenty-one years.
- II.—He must present a satisfactory certificate of having studied medicine for at least three years. One of these three years, if not passed at a regular college, may be occupied either in taking the Preparatory Course of the Collegiate Department or in studying under the direction of a regular graduate.
- III.—He must have attended two full courses of lectures and of dissections in a generally recognized medical college, the last of which must have been in this institution.

IV.—He must write a thesis on a medical subject and present it to the Dean at least one month before the close of the session.

V.—He must pass a satisfactory examination before the Faculty.

VI.—He must have paid in full all college dues, including graduation fee.

(Students who intend to present themselves for examination are advised to write their theses during the summer vacation.)

TERMS PER ANNUAL SESSION.

	1ST SESSION.	2D SESSION.
Matriculation Ticket (once only on admission).....	\$ 5 00	
General Ticket to the Lectures of all Professors.....	140 00	\$140 00
Ticket of Demonstrator of Anatomy	10 00	10 00
Diploma Fee (once only, when graduated).....		80 00
Total	\$155 00	\$180 00

After the total fees (for two full courses) of \$305, as above, have been paid, no fees (except for the diploma and for the demonstrator) are required for subsequent courses, however numerous. The payment of the total \$335 (diploma included) may be distributed over a three years' course, as follows, viz: \$115 the first year, \$110 the second, and \$110 the third year. All fees are payable in advance.

Students who have attended and paid for two full courses, the last of which was in this institution, are thereafter entitled to attend the lectures without charge; and it is the earnest desire of the Faculty that they should avail themselves of this privilege, to the extent of at least one additional course, before applying for graduation. It is gratifying to be able to state that many members of the class (about one-half of the graduates) annually follow this course, and their high standing at the final examinations, their better preparation for the practice of their professions, and their more successful careers, more than compensates them for their longer attendance upon lectures.

As a still further inducement, the Faculty will hereafter permit students, who have attended and paid for two courses of lectures, the last of which shall have been in this institution, examinations upon one or more of the elementary branches taught by the four Chairs of Chemistry, Anatomy, Physiology and Materia Medica. These examinations, if successful, will not be repeated, but if the applicant should fail upon one or more of them, he will be granted a second trial upon these when he shall present himself for final examination.

Graduates of other respectable schools are admitted to all the privileges of the Department upon payment of the matriculation and half lecture fees; and are entitled thereafter to attend subsequent sessions gratuitously. They can not, however, obtain the diploma of the University without passing the regular examination and paying in addition the usual graduation fee. Graduates are also given the privilege of attending special courses at less than \$20 each, provided that the tickets of more than two professors are purchased.

MICROSCOPICAL LABORATORY.

A Microscopical Laboratory for the better study of normal and morbid Anatomy was established in 1889, with Dr. P. E. Archinard, a pupil of Pasteur and of Koch, in charge. The fee for this voluntary course is \$10; and for Bacteriology \$25.

INSTRUCTION IN PHARMACY.

The Medical Faculty is also authorized by law to grant diplomas in Pharmacy, and has exercised this privilege since 1838, having now 212 graduates, 157 of whom have been graduated during the past fourteen years.

These students are required to attend the lectures given by the Professor of Materia Medica and Theurapeutics, and by the Professor of Chemistry, receiving practical instruction in the Chemical Laboratory; and also to attend the instruction in Practical Pharmacy, given in the excellent Pharmaceutical Laboratory, established in 1887. Instruction in this Laboratory is graded, and consists of a junior and a senior course. Reputable women are admitted to the Laboratory, but not to the Lecture Rooms.

Attendance upon two such courses entitles the student in pharmacy to be a candidate for the degree of Master of Pharmacy; *Provided*, That he submits to the Dean a satisfactory certificate of at least two years' practical experience, under the instruction of a competent pharmacist.

The charge for the full course in pharmacy is \$60, or \$20 for each of the three branches; and also \$20 for the graduation fee. In addition, every student is required to pay the matriculation fee of \$5 (for the first session only) and to deposit a "breakage fee" of \$5, to reimburse any injury needlessly inflicted on the Pharmaceutical Laboratory and its contents; at the end of the session the "breakage fee" is re-

funded in whole or in part, depending on the charges incurred by the student. The total fees paid by a student in pharmacy are, therefore, \$70 for the first and \$85 for the second course.

Students in medicine who take also the course in pharmacy pay only the Pharmaceutical Laboratory fee of \$20 and the "breakage fee" of \$5; and this extra charge of \$25 must also be paid by students in pharmacy who may desire to attend more than two courses in the Laboratory. Students in pharmacy, as in medicine, are not charged for the tickets of professors after attendance upon two courses.

The Pharmaceutical Laboratory will be opened for instruction on Monday, Oct. 19, 1891.

STUDENTS PREPARING TO ENTER COLLEGE

are recommended to study especially Balfour-Stewart's Physics, Fowne's Chemistry, Gray's Anatomy, Yoe's or Foster's Physiology, or any other standard works on these four subjects.

EXPENSES, ETC.

Information about houses for board and lodging may be obtained by application to P. Martin, Janitor. The price usually paid by students is \$20 per month.

For any additional information address "Prof. CHAILLÉ, DEAN, P. O. Drawer 261." Letters thus *officially* addressed secure prompt attention even if the Dean be absent.

GRADUATES OF 1891.

At the fifty-seventh Annual Commencement, held Wednesday, April, 1, 1891, the annual address was delivered by Judge W. W. Howe, of New Orleans; the Valedictory by Dr. R. L. Raby of Texas and of the graduating class; and degrees were conferred on 118 graduates, viz: 105 in Medicine and thirteen in Pharmacy.

GRADUATES IN MEDICINE—105.

NAMES.	POST OFFICE.	COUNTY.	STATE.
AIKEN, JNO. G.....	New Orleans.....	Orleans.....	Louisiana
ARCENEUX, LOUIS B.....	Carencro.....	Lafayette.....	Louisiana
ARMSTRONG, OLIVER M.....	Monticello.....	Lawrence.....	Mississippi
*ARMSTRONG, WM. GREER.....	New Orleans.....	Orleans.....	Louisiana
BEARD, GEO. R.....	New Orleans.....	Orleans.....	Louisiana
BEASLEY, ELIAS M.....	Tryus.....	Copiah.....	Mississippi
BEHREND, (M. PH.) PETER J.....	New Orleans.....	Orleans.....	Louisiana
BELL, MIKE C.....	Kenneyville.....	Austin.....	Texas
BELL, WALTER J.....	Georgiana.....	Butler.....	Alabama
BIGGS, JAS. A.....	Columbia.....	Caldwell.....	Louisiana
BIRCHETT, JNO. A. K.....	Vicksburg.....	Warren.....	Mississippi
BLACK, ALF. HARVEY.....	Americus.....	Sumter.....	Georgia
BOATNER, ELIAS S.....	Victoria.....	Victoria.....	Texas
BOULDIN, WM. WALTER.....	Chappell Hill.....	Washington.....	Texas
BOURGEOIS, EUGENE.....	Central.....	St. James.....	Louisiana
BOX, THOS. JEFF.....	Nash.....	Jackson.....	Louisiana
BRANNON, CLAUDE.....	Ocoee.....	Orange.....	Florida
BROWN, WM. EDGAR.....	Coleman City.....	Coleman.....	Texas
BUGG, ALVA BENJ.....	Homer.....	Claiborne.....	Louisiana
BURGES, LOVATT F.....	Bunkie.....	Avoyelles.....	Louisiana
BURKE, MADISON O.....	Meridianville.....	Madison.....	Alabama
BURNS, FRANK EDW.....	New Orleans.....	Orleans.....	Louisiana
CAFFERY, RUSSELL.....	San Antonio.....	Bexar.....	Texas
CALLIHAM, MANSFIELD.....	Morrow.....	St. Landry.....	Louisiana
CAMPBELL, DUNCAN.....	Auckland.....	.....	New Zealand
CHARLET, ALCEE M.....	Plattenville.....	Assumption.....	Louisiana
*COCRAM, HENRY S.....	New Orleans.....	Orleans.....	Louisiana
DENMAN, RICHARD L.....	Lufkin.....	Angelina.....	Texas
DILWORTH, JAS. A.....	Columbus.....	Colorado.....	Texas
DOUSSAN, JOS. EDMOND.....	New Orleans.....	Orleans.....	Louisiana
ECKLES, GEO. R.....	Pleasant Grove.....	Panola.....	Mississippi
ELKIN, THOS. F.....	Aberdeen.....	Monroe.....	Mississippi
ELLIS, JR., THOS. C. W.....	Amite City.....	Tangipahoa.....	Louisiana
ENGMANN, GEORGE.....	Mulatos.....	Sonora.....	Mexico
FLEMING, THOS. MILTON.....	Ripley.....	Titus.....	Texas
FLOWERS, HENRY.....	Smithdale.....	Amite.....	Mississippi
*FORTIER, (M. PH.) ST. MARK.....	New Orleans.....	Orleans.....	Louisiana
FURMAN, FRANCIS S.....	Stonewall.....	DeSoto.....	Louisiana
GATLIN, ROBT. E.....	Summit.....	Pike.....	Mississippi
†GILBERT, F. J. SIMPSON.....	New Orleans.....	Orleans.....	Louisiana
GILLIS, ANGUS ALEX.....	De Funiak Sprgs.....	Walton.....	Florida
GOODMAN, DUKE W.....	Matherville.....	Wayne.....	Mississippi
GREENING, REUBEN D.....	Mansfield.....	DeSoto.....	Louisiana
GUERRANT, SAML. S.....	Algoma.....	Franklin.....	Virginia
HAGAMAN, ROBT. LEE.....	Jackson.....	East Feliciana.....	Louisiana
HANEMANN, LOUIS.....	New Orleans.....	Orleans.....	Louisiana

NAMES.	POST OFFICE.	COUNTY.	STATE.
*HARPER, WM. WADE.....	Richmond.....	Dallas.....	Alabama
HARRELL, WM. S.....	Spearsville.....	Union.....	Louisiana
HOWARD, LOUIS H.....	Carthage.....	Leake.....	Mississippi
HUNT, EDWIN C.....	Vicksburg.....	Warren.....	Mississippi
HUNTER, GEO. YOUNG.....	Prosperity.....	Newberry.....	South Carolina
JONES, GEO. HILTON.....	Jackson.....	East Feliciana.....	Louisiana
KILGORE, NEWTON A.....	Yorktown.....	DeWitt.....	Texas
KILPATRICK, HERBERT.....	Cheneyville.....	Rapides.....	Louisiana
KNOLLE, EDMUND ROBT.....	Industry.....	Austin.....	Texas
KNOLLE, WILKES HERMAN.....	Industry.....	Austin.....	Texas
LANDFRIED, CHAS. JOHN.....	New Orleans.....	Orleans.....	Louisiana
LEA, JESSE WORTHY.....	Jackson.....	East Feliciana.....	Louisiana
LEDoux, ALEXANDER.....	New Orleans.....	Orleans.....	Louisiana
LEOPOLD, JOS. LEE.....	Pleasant Hill.....	Sabine.....	Louisiana
LINES, DAVID ARTHUR.....	New Orleans.....	Orleans.....	Louisiana
LIPSCOMB, (M. D.) WM. C.....	Crockett.....	Houston.....	Texas
LONG, ROBT. LEE.....	Mexia.....	Limestone.....	Texas
LUCKETT, JR., ROBT. L.....	Boyce.....	Rapides.....	Louisiana
LYONS, SAML. M.....	Lake Charles.....	Calcasieu.....	Louisiana
MCBRIDE, JAS. HENRY.....	Carroll Prairie.....	Hopkins.....	Texas
MCCALEB, JAS. F.....	New Orleans.....	Orleans.....	Louisiana
MCCURE, MARSH E.....	Rush.....	Cherokee.....	Texas
McMICKEN, DRU.....	Cold Springs.....	San Jacinto.....	Texas
McMILLAN, LANDY.....	Caseyville.....	Lincoln.....	Mississippi
McMILLAN, THOS. MORTON.....	Monroeville.....	Monroe.....	Alabama
*MARTIN, EDM. DENEGRÉ.....	Lafayette.....	Lafayette.....	Louisiana
NAIL, WM. R.....	Crawford.....	McLennon.....	Texas
NEWBURY, ARTHUR, F.....	Homer.....	Claiborne.....	Louisiana
PANNELL, JEHU A.....	Austin.....	Travis.....	Texas
PARKER, EDWIN T.....	Brewton.....	Escambia.....	Alabama
*PARKER, WM. ELLIOTT.....	New Orleans.....	Orleans.....	Louisiana
PATTON, MADISON K.....	Knoxville.....	Greene.....	Alabama
PHILIPS, JR. FRANK.....	Mariana.....	Jackson.....	Florida
PRICE, JACOB SAML.....	Austin.....	Travis.....	Texas
RABY, ROBT. LEE.....	Gatesville.....	Coryelle.....	Texas
RAGAN, THOS.....	Knowles.....	Lincoln.....	Louisiana
RAINWATER, CLOUD.....	Morrilton.....	Conway.....	Arkansas
RAMAGE, (M. D.) CHAS. L.....	Winnsboro.....	Franklin.....	Louisiana
RAPE, JACOB N.....	Forest.....	Scott.....	Mississippi
RIGGS, CLARENCE E.....	New Orleans.....	Orleans.....	Louisiana
*ROBIN, ERNEST A.....	New Orleans.....	Orleans.....	Louisiana
ROBIN, WM. HENRY.....	New Orleans.....	Orleans.....	Louisiana
RUSSELL, WALTER A.....	Hickory.....	Newton.....	Mississippi
SCHAYOT, VALERY O.....	Pointe-a-la-Hache.....	Plaquemines.....	Louisiana
*SMYTHE, FRANK DAVID.....	Kosciusko.....	Attala.....	Mississippi
SOWELL, JAS. L.....	Monroeville.....	Monroe.....	Alabama
STARK, THOMAS.....	Rayne.....	Acadia.....	Louisiana
STEPHENSON, C. BEN.....	Fort Mill.....	York.....	South Carolina
THEARD, SIDNEY L.....	New Orleans.....	Orleans.....	Louisiana
*THIGPEN, FRANCIS MARION.....	Greenville.....	Butler.....	Alabama
THOMAS MONROE ARTHUR.....	Lovelady.....	Houston.....	Texas
TURNER, ROBT. LEE.....	Ellisville.....	Jones.....	Mississippi
WALKER, THOS. M.....	Gainesville.....	Lawrence.....	Mississippi
WARFORD, JNO. T.....	Jordan.....	Fulton.....	Kentucky
WARREN, BENJ. SMART.....	Clayton.....	Barbour.....	Alabama
WELLS, JNO. McLEMORE.....	Cleveland.....	Bolivar.....	Mississippi
WOOD, JNO. HOWARD.....	Hubbard.....	Hill.....	Texas
WOODSON, JAS. M.....	Temple.....	Bell.....	Texas
WOOTTERS, JNO. S.....	Crockett.....	Houston.....	Texas

*Resident students in the Charity Hospital.

†Resident students in the Touro Infirmary.

GRADUATES IN PHARMACY—13.

NAMES.	POST OFFICE.	COUNTY.	STATE.
CANTRELLE, LOUIS A.....	New Orleans.....	Orleans.....	Louisiana
CHRETIEN, CHAS. N. O.....	New Orleans.....	Orleans.....	Louisiana
COCKRELL, ABBOTT G.....	Houston.....	Harris.....	Texas
COURTADE, JOHN.....	New Orleans.....	Orleans.....	Louisiana
LEAKE, JOHN PHILLIPS.....	Bayou Sara.....	E. Feliciana.....	Louisiana
LEININGER, WILLIAM FRED.....	New Orleans.....	Orleans.....	Louisiana
LINES, DAVID ARTHUR.....	New Orleans.....	Orleans.....	Louisiana
MARTIN, (M. D.) GEORGE A.....	Breaux Bridge.....	St. Martin.....	Louisiana
MONLEZUN, JOHN.....	New Orleans.....	Orleans.....	Louisiana
MOORE, GEORGE L.....	Jackson.....	Hinds.....	Mississippi
POSTELL, SAMUEL LOGAN.....	Plaquemine.....	Iberville.....	Louisiana
SCOTT, JOHN EDWARD.....	New Orleans.....	Orleans.....	Louisiana
SIMON, JOHN FELICIEN.....	St. Patrick.....	St. James.....	Louisiana

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